



## State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

MAIL CODE 401-02B

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Dear Interested Party:

The Department of Environmental Protection (Department) has finalized the following document for the administration of the Federal Fiscal Year (FFY) 2021/State Fiscal Year (SFY) 2022 Clean Water State Revolving Fund.

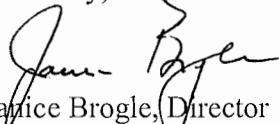
<b>Clean Water State Revolving Fund (CWSRF) Program</b>
Final Amendments to the Federal Fiscal Year 2021/ State Fiscal Year 2022 Intended Use Plan (IUP)

The Intended Use Plan must be developed by the Department, undergo a public participation process and be approved by the US Environmental Protection Agency (USEPA) for the Department to be awarded its capitalization grant used to finance water infrastructure projects.

The Amendments to the FFY 2021 CWSRF IUP were proposed on September 14, 2021, with a 15-day comment period. No comments were received during the comment period and no changes were made to the Amended Clean Water SRF program, as described in the proposed FFY2021 IUP Amendments. The FFY2021/SFY2022 CWSRF IUP has been finalized and posted on the Department's website at <http://www.nj.gov/dep/dwq/cwpl.htm>.

If you have any questions regarding the CWSRF IUP, please contact Eugene Chebra, Assistant Director, Municipal Finance and Construction Element, Division of Water Quality at 609-292-8961.

Sincerely,

  
Janice Brogle, Director  
Division of Water Quality

# NEW JERSEY'S WATER BANK FINANCING PROGRAM

*Final Amendments to the Final Clean Water Intended  
Use Plan for Federal Fiscal Year 2021 (and State Fiscal  
Year 2022)*

*And*

*Amendments to the Final Clean Water and Drinking  
Water Intended Use Plans Federal Fiscal Years 2017,  
2018, 2019, 2020 State Fiscal Years 2018, 2019, 2020,  
2021 - Use of Water Infrastructure Finance and  
Innovation Act Funds*



November 2021

*FINAL AMENDMENTS TO THE FINAL CLEAN WATER INTENDED USE PLAN FOR FEDERAL FISCAL YEAR 2021 (AND STATE FISCAL YEAR 2022)*

*AND*

*AMENDMENTS TO THE FINAL CLEAN WATER AND DRINKING WATER INTENDED USE PLANS FEDERAL FISCAL YEARS 2017, 2018, 2019, 2020 STATE FISCAL YEARS 2018, 2019, 2020, 2021 - USE OF WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT FUNDS*

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

In a continuing effort to ensure the Water Bank's long-term viability, the State Fiscal Year (SFY) 2022 Clean Water IUP will maintain changes originally made in SFY 2020 to the blended interest rate for long term loans for nearly every project category eligible for clean water funds. Further, in SFY 2022, the blended interest rate for Landfill Construction projects will be increased from 50% to 75% of I-Bank's AAA Market Interest Rate. In addition, the eligibility of energy conservation, renewable energy and co-generation projects will be limited to the pro rata share of capital costs that provide power to a publicly owned treatment works. The Program will continue to offer competitive loan rates and these changes will extend the Program's ability to fund high priority projects on a readiness to proceed basis.

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

The Department plans to utilize any unallocated principal forgiveness funds carried over at the end of SFY 2021 as principal forgiveness in SFY 2022 for categories set forth in this IUP (including CSO Sewershed – Grey and Green Infrastructure, Coastal Water Quality Restoration, and Water Quality Restoration). Principal forgiveness funds for Small System Asset Management Plans are expected to be exhausted in SFY 2021 and will not be available in SFY 2022. However, as a result of the COVID-19 pandemic, several loan recipients who have received Small System Asset Management Plan (SS AMP) development certifications have not been able to progress with the final design, bid and award of their capital improvement project within the term of their construction loan. Therefore, the program will be extending for one year, the ability to secure principal forgiveness for SS AMP development for those loan recipients that have been awarded a construction loan conditioned upon the successful award of a capital improvement project of at least \$250,000 and the subsequent certification by the program by June 30, 2022. The Department will supplement the above principal forgiveness funds with approximately \$25M projected to be available under the FFY 2021 CWSRF grant from USEPA. In SFY 2022, \$14M of the new principal forgiveness funds will be used for CSO Sewershed – Grey and Green Infrastructure projects, \$10M will be allocated to Water Quality Restoration projects and \$1M will be allocated to principal forgiveness loans associated with Overflow and Stormwater Grants (OSG).

## EXECUTIVE SUMMARY

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

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

The priorities and policies of the Department are established through this IUP. Clean Water projects eligible for financing include a wide variety of wastewater treatment works, stormwater management, land acquisition, and landfill activities. In SFY 2022, the Program will continue to offer very attractive low-cost financing packages, including principal forgiveness (or grant-like funding) and low interest loans for high priority projects. For SFY 2022, the Water Bank CWSRF base program will consist of a financing package that results in a blended interest rate of 50% of the I-Bank AAA market rate with opportunities for principal forgiveness. Prior to long-term funding, projects are encouraged to seek a short-term loan from the I-Bank for activities from planning through construction completion.

## WHAT'S NEW IN 2021!

- The Department will commit an additional \$10 million in principal forgiveness funds to address the impact of harmful algal blooms (HABs). These funds will be allocated to projects throughout the state that will eliminate, prevent, or reduce documented occurrences of shellfish bed downgrades, beach closings and advisories due to the presence of HABs. If there is insufficient demand from eligible HAB projects, unallocated funds may be used for projects that address shellfish bed downgrades, beach closings and advisories due to the presence of pathogens.
- The Water Bank anticipates using WIFIA funds for a portion of the I-Bank share of long-term loans. The funds are expected to be available to the I-Bank at a lower interest rate than market rate bonds, thereby freeing up a portion of the DEP share normally allocated to projects. Therefore, long term funding packages are no longer represented in terms of a "DEP Interest Free Share" and an "I-Bank Market Rate Share" but instead as a blended interest rate consisting of a percentage of I-Bank's AAA Market Interest Rate. For example, a long-term funding package that previously was described as consisting of a 75% DEP Interest-Free Share and a 25% I-Bank Market-Rate Share is now described as a "Blended Interest Rate of 25% of I-Bank's AAA Market Interest Rate".
- New Jersey has been allocated \$3,851,714 by EPA under the Sewer Overflow and Stormwater Reuse Grants Program (OSG). This program is intended to address infrastructure needs for combined sewer overflows (CSO), sanitary sewer overflows (SSO), and stormwater management and is being made available to award grants to states to make sub-awards to eligible entities for eligible projects. The Federal share of the cost of activities carried out using OSG money shall be not less than 80 percent of the cost and at least 20% of a state's allocation must be used for green infrastructure, water and



energy efficiency improvements, and other environmentally innovative activities. New Jersey will prioritize the award of subawards to eligible subrecipients that are financially distressed communities; implementing a long-term control plan for CSOs and requesting funds for a project included on the CWSRF Intended Use Plan.

#### Sewer Overflow and Stormwater Reuse Grants Program Deadlines

- October 15, 2021 - Notice of Interest and Project Information
- October 29, 2021 - Planning Information
- December 2021 - DEP Ranks Projects and Publishes OSG Priority List
- March 4, 2022 - Design Documents and Loan Application
- Grant/PF Loan Awards will be made on a rolling basis based on project rank and readiness

## SFY22 FUNDING PACKAGES (LONG-TERM LOANS)

<b>Clean Water Categories</b>	<b>Blended Interest Rate</b>
CSO Sewershed – Grey and Green Infrastructure and Water Quality Restoration Projects*	25% of I-Bank's AAA Market Interest Rate**
All Other Water Quality Projects (Base CWSRF)	50% of I-Bank's AAA Market Interest Rate
Brownfield Redevelopment (Conduit Projects) and New Landfill and Landfill Cell Projects ***	75% of I-Bank's AAA Market Interest Rate

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

\*\*25% of I-Bank's AAA Market Interest Rate means an effective interest rate no greater than would have resulted from financing with a 25% share of I-Bank's AAA bond funds at market interest rates and a 75% share of the Department interest-free loan funds.

\*\*\* The construction of facilities to collect, convey and/or treat leachate and runoff from new publicly-owned landfill cells.

## SFY22 PRINCIPAL FORGIVENESS (PF) OPPORTUNITIES

<b>Clean Water PF</b>	<b>Principal Forgiveness Share</b>	<b>Principal Forgiveness Cap per Applicant</b>	<b>Projected Amount of PF Available</b>
Water Quality Restoration	50%	\$2M	\$17M
Coastal Community Water Quality Restoration	50%	\$2.5M	\$2.5M*
CSO Sewershed – Grey and Green Infrastructure	50%	\$2M	\$34M**
Overflow and Stormwater Grant (OSG) CW SRF PF Loans***	20%	\$0.2M	\$1M

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

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

\*\*\*OSG CW SRF PF Loans will be awarded to CWSRF projects that receive an Overflow and Stormwater Grant. The OSG will cover 80% of the project costs (capped at \$1 million) and the OSG CW SRF PF Loan will cover 20% of the project costs. OSG/OSG CW SRF PF Loan project costs are capped at \$1 million. Costs in excess of \$1 million may be eligible for funding and PF under the CSO Sewershed – Grey and Green Infrastructure category.

# AMENDMENTS TO THE FINAL CLEAN WATER AND DRINKING WATER INTENDED USE PLANS FOR FEDERAL FISCAL YEARS 2017, 2018, 2019, 2020 AND STATE FISCAL YEARS 2018, 2019, 2020, 2021 - USE OF WIFIA FUNDS

The Amendments to the Final Clean Water and Drinking Water Intended Use Plans for Federal Fiscal Years 2017, 2018, 2019, 2020 and State Fiscal Years 2018, 2019, 2020, 2021 - Use of Water Infrastructure Finance and Innovation Act Funds were proposed on October 22, 2020, with the required 30-day comment period. No comments were received, and the amendments were finalized on December 15, 2020.

## IUP Amendment for Use of WIFIA Funds

Capitalized terms used in this amendment shall be consistent with those defined in applicable IUPs and regulations at N.J.A.C. 7:22 et seq.

This amendment changes all instances in which the applicable IUP, as detailed below, refers to a certain share of interest-free funding from the Department (e.g. 25 %, 50%, 75%) combined with a certain share of the market-rate interest funding from the I-Bank (e.g. 25%, 50%, 75%). The amendment allows the Department and I-Bank to deviate from a strict adherence to the established funding shares where WIFIA funding will be used for eligible projects. For these projects, the combined long-term financing from the Department and the I-Bank, inclusive of WIFIA funds, will be at an effective interest rate no greater than would have resulted from financing with the I-Bank's AAA bond funds at market interest rates and the Department's interest-free loan funds at the applicable IUP referenced shares (25%, 50%, or 75%).

As part of the Letter of Interest (LOI) submission to USEPA, I-Bank included a pool of Water Bank projects eligible for long-term financing starting in State Fiscal Year ("SFY") 2021. Borrowers were selected in conformance with the eligibility requirements of the WIFIA program and Water Bank regulations. It is expected that WIFIA loan funds will be applied to projects with Water Bank long-term financing terms established by the applicable Final Federal Fiscal Year ("FFY") 2017, 2018, 2019, 2020/SFY 2018, 2019, 2020, 2021 CWSRF & DWSRF IUPs.

## Purpose of Using WIFIA

The I-Bank intends to use WIFIA loan funds in lieu of a portion of the funds the I-Bank would otherwise secure through the issuance of tax-exempt bonds. Use of WIFIA loan funds offers several potential advantages over tax-exempt bonds, including lower interest rates, call options, and structuring flexibility. All borrowers in the pool of projects financed with WIFIA loan funds would still receive a long-term loan package with a blended interest rate no greater than if the I-Bank used its AAA market rate bonds for its portion of project financing as described in the applicable IUP.

The result of blending WIFIA loan funds into a loan package is that less of the Department's SRF will be needed to achieve the same interest rate as if WIFIA loan funds were not used. The Water Bank intends to use these saved SRF monies to fund additional projects that would otherwise be outside the fundable range of the Water Bank. To learn more about the potential savings offered by using WIFIA loan funds, a detailed case study developed by I-Bank and entitled "NJ Water Bank – Base

Case v. WIFIA Case for IUP” is posted on the Department’s website at <http://www.nj.gov/dep/dwq/cwpl.htm>.

The use of WIFIA loan funds will not affect when long-term financing terms are established. As previously established under prior IUPs, and unchanged as part of these amendments, for construction loans issued upon certification of engineering contracts, long-term financing terms are established consistent with the IUP operative at the time of certification of the construction contract. For construction loans issued at the time of certification of construction contracts, long-term financing terms are established consistent with the IUP operative at the time of construction loan closing. For applicants financing the cost of construction through non-Water Bank sources or self-funding, long-term financing terms are established consistent with the IUP operative at the time of the long-term loan closing.

If WIFIA loan funds are ultimately awarded by the USEPA to the I-Bank, the Water Bank will identify potential pools of certified SRF projects to be financed with some combination of Department SRF funds, I-Bank bond proceeds, and WIFIA loan funds. This will result in the use of a larger portion of I-Bank funds established in these IUPs, along with the WIFIA loan funds, as described in this amendment, and a lesser share of the SRF interest-free funds from the Department established in these IUPs. However, this will still achieve a blended interest rate for borrowers that is no greater than if WIFIA funds were not used by the I-Bank as a supplement to a portion of its bond proceeds.

#### Additional IUP Amendment for Recently Appropriated State Funds

In addition to the WIFIA funds discussed herein, the I-Bank will also leverage a portion of funds recently appropriated to the Department to create additional SRF savings for the Department by blending the newly appropriated funds into loan packages for I-Bank’s portion of project financing. All borrowers receiving these appropriated funds in their loan packages would still receive a long-term loan package with a blended interest rate no greater than if the I-Bank used its AAA market rate bonds for its portion of project financing as described in the applicable IUP.

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## PROGRAM GOALS

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

**Long-term:**

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



Passaic Valley Sewerage  
Commission Interceptor Slip  
Lining

## BORROWER ELIGIBILITY

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

### Clean Water Borrowers

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

## PROJECT ELIGIBILITY

### Wastewater

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

- Secondary and advanced wastewater treatment
- Well Sealing, Water Meters (publicly sponsored)
- Flood resiliency
- Sludge handling facilities
- Infiltration and inflow (I/I) correction
- Interceptors, pumping stations and force mains
- Sewer system rehabilitation
- New collection systems



- Correction of CSOs
- Solutions for malfunctioning septic systems
- Wastewater reuse and conservation projects
- Emergency Repair Projects to replace, in kind, the failure of an essential portion of a wastewater system that will disrupt service for a minimum of 24 hours total and/or poses a substantial threat to the public health, safety, and welfare.

For information regarding permitting, see:

[NJPDES Additional Information](http://www.nj.gov/dep/dwq/njpdes.htm) (www.nj.gov/dep/dwq/njpdes.htm)

[NJDEP Treatment Works Approval program](http://www.nj.gov/dep/dwq/forms_twa.htm) (www.nj.gov/dep/dwq/forms\_twa.htm)

[NJDEP Land Use Program](http://www.nj.gov/dep/landuse) (www.nj.gov/dep/landuse)

## Stormwater

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

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



**Old Bridge MUA Laurence Harbor  
Bulkhead and Walkway**

For additional information, see:

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

## Green Infrastructure

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

\*Water Bank eligibility for energy efficiency improvements is limited to the pro rata share of capital costs that provide power to a publicly owned treatment works.

For additional information, see:

[Green Infrastructure in New Jersey](http://www.nj.gov/dep/gi/index.html) (www.nj.gov/dep/gi/index.html)

[NJDEP Sustainability and Green Energy Guidance](https://www.state.nj.us/dep/aqes/what-is-solar.html)  
(https://www.state.nj.us/dep/aqes/what-is-solar.html)



**Hoboken City Green Infrastructure**

## Brownfields Redevelopment

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

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

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

For additional information, see:

[NJDEP Site Remediation Links](http://www.nj.gov/dep/srp/) (www.nj.gov/dep/srp/)

## Landfills

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

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



Camden County Phoenix Park

\* New landfill and landfill cell construction projects that have a water quality benefit are eligible for a funding package that will consist of loan financing with a blended interest rate of 75% of the I-Bank AAA Market Interest Rate for the allowable project costs. Other landfill construction projects that have a water quality benefit are eligible for the Base CWSRF financing package.

## Land Preservation

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

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

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

For additional information, see:

[NJDEP Green Acres Program](http://www.nj.gov/dep/greenacres/) ([www.nj.gov/dep/greenacres/](http://www.nj.gov/dep/greenacres/))

### Equipment

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

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



**Passaic Valley Sewerage Commission  
Electrical Substation**

### Security Monitoring

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

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



**North Wildwood Sewer, Storm and Street  
Restoration**

### Miscellaneous Allowable Costs

Additional costs that are eligible within a project include:

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

## ASSET MANAGEMENT PLANS AND LONG-TERM CSO CONTROL PLANS

Projects to develop and implement asset management plans (AMP), CSO long-term control plans, and water loss prevention plans are eligible for financing. The AMP loans must be rolled into a Water Bank capital improvement project or repaid in 3 years. CSO Long-Term Control Plans can receive loans up to 10 years. Long-term financing terms are established consistent with the IUP operative at the time of certification of the construction contract.

## PLANNING & DESIGN LOANS

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

## PRINCIPAL FORGIVENESS FUNDS

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

### Water Quality Restoration

The DEP is reserving funds and providing principal forgiveness loans for capital improvement projects and equipment purchases that will eliminate, prevent, or reduce documented occurrences of shellfish bed downgrades, beach closings and advisories due to the presence of harmful algal blooms (HABs). Projects would eliminate such potential sources as failing on-site wastewater systems, cross-connections between storm sewers and sanitary sewers. Eligible projects also include the expansion or replacement of stormwater management systems as well as the purchase of skimmer boats, aquatic weed harvesters and equipment to maintain stormwater management facilities. There is a \$2 million cap of principal forgiveness per applicant in SFY22. Project sponsors are eligible to receive principal forgiveness for up to 50% of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA Market Interest Rate for the balance for the first \$4 million of allowable costs. Allowable project costs between \$4 million and \$10 million will receive loan funding with a blended interest rate of 25% of the I-Bank AAA Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$17 million (\$10 million new + \$7 million carryover) in principal forgiveness funds are expected to be available for Water Quality Restoration projects in SFY22. Priority for principal forgiveness funds will be given to eligible projects that address HABs (HAB Projects). Principal forgiveness funds will be allocated to HAB projects on a readiness to proceed basis. If there is insufficient demand from eligible HAB projects, unallocated principal forgiveness funds may be used for projects that address shellfish bed downgrades, beach closings and advisories due to the presence of pathogens.

### Coastal Community Water Quality Restoration

\$2.5 million in principal forgiveness has been committed towards Cumberland County Improvement Authority to resolve failing septic systems and prevent shellfish bed closures in Downe Township, limited to Fortescue and Gandys Beach. To the extent those committed funds are not obligated in SFY21, they will be made available to this project for obligation in SFY22.



### CSO Sewershed – Grey and Green Infrastructure

The DEP is reserving funds and providing principal forgiveness loans for CSO abatement projects utilizing grey and/or green practices (such as green roofs, rain gardens, porous pavement, and other activities that maintain and restore natural hydrology by treating stormwater runoff through infiltration into the subsoil, treatment by vegetation or soil, or stored for reuse). There is a \$2.0 million cap of principal forgiveness per applicant in SFY22. Project sponsors are eligible to receive principal forgiveness for up to 50% of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA Market Interest Rate for the balance for the first \$4 million of allowable project costs. Allowable project costs between \$4 million and \$10 million will receive loan funding with a blended interest rate of 25% of the I-Bank AAA Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$34 million (\$14 million new + \$20 million carryover) in principal forgiveness is expected to be available for CSO Grey and/or Green Infrastructure in SFY22 of which \$2.5M will be reserved exclusively for Green Infrastructure. If there is insufficient demand from eligible projects to utilize the principal forgiveness for green infrastructure in SFY22, unallocated funds may be used for grey infrastructure.

### Sandy Relief

Sandy Relief funds remain available for clean water facilities that were damaged by Superstorm Sandy and are constructing repairs or resiliency to prevent future damage to a treatment facility or water system from a similar event. Resiliency projects include elevating critical infrastructure, flood walls, backup power sources and more. Sandy Relief funds were made available in a one-time installment and offered while funds remain. As such, the Water Bank will continue to accept submittals under the Sandy Relief program, which includes a principal forgiveness component of approximately 19% of the allowable costs. If all the Sandy Relief funds are awarded in SFY21, new submittals will be eligible under the Base SRF loan structure.

### Sewer Overflow and Stormwater Reuse Grant (OSG) Program CWSRF PF Loans

The DEP is reserving funds and providing principal forgiveness loans for projects that receive a Sewer Overflow and Stormwater Reuse Grants (see below under Financing Options). These projects are intended to address infrastructure needs for combined sewer overflows (CSO) or stormwater management. Project sponsors that receive a Sewer Overflow and Stormwater Reuse Grant for up to 80% of eligible project costs are eligible to receive a principal forgiveness loan for the remaining 20% of costs. Total project costs are capped at \$1 million. Approximately \$1 million will be reserved for OSG CWSRF PF loans.

## FINANCING OPTIONS

The Water Bank offers the following low interest financing options for eligible projects in SFY22.

### CSO Abatement Projects

When the PF funds allocated to CSO projects in SFY22 are no longer available, the CWSRF funding package for CSO abatement projects will consist of loan funding with a blended interest rate of 25% of the I-Bank AAA Market Interest Rate for the first \$10 million in allowable costs. Costs in excess of \$10 million will be financed under the Base CWSRF financing package below.

### Base CWSRF

The Base CWSRF funding package for SFY21 consists of loan funding with a blended interest rate of 50% of the I-Bank AAA Market Interest Rate for the allowable project costs.

### Brownfield Redevelopment (Public Private Partnership)

Brownfield redevelopment by private entities is eligible for a funding package that will consist of loan funding with a blended interest rate of 75% of the I-Bank AAA Market Interest Rate for allowable project costs. Private entities must have a public conduit that will sponsor the project.

### Landfill Construction Projects that have a Water Quality Benefit

- New landfill and landfill cell construction projects that have a water quality benefit are eligible for a funding package that will consist of loan funding with a blended interest rate of 75% of the I-Bank AAA Market Interest Rate for the allowable project costs.
- Other landfill construction projects that have a water quality benefit are eligible for the Base CWSRF financing package.

### Pinelands Infrastructure Trust Financing Program

The Water Bank expects to make loans to eligible clean water projects identified in the Pinelands Infrastructure Trust Fund Infrastructure Master Plan in SFY22. These loans will help local governments and utility authorities defray the costs associated with supporting the population and economic growth targeted to Pinelands Regional Growth Areas. Approximately \$15.9 million will be available from the Pinelands Infrastructure Fund for qualifying clean water, drinking water and transportation projects. Project financing will generally consist of 50% loan, 40% grant, and 10% local match. In cases where a hardship has been identified, the local match may be waived, and the award will be allocated as 50% loan and 50% grant. The Department is planning to capture any eligible clean water projects and utilize State Bond funds from the Pinelands Program as credit towards the State Match requirement or future State Match requirements.

### Sewer Overflow and Stormwater Reuse Grants Program

New Jersey has been allocated \$3,851,714 by EPA under the Sewer Overflow and Stormwater Reuse Grants Program (OSG). This program is intended to address infrastructure needs for combined sewer overflows (CSO), sanitary sewer overflows (SSO), and stormwater management and is being made available to award grants to states to make sub-awards to eligible entities for eligible projects. The Federal share of the cost of activities carried out using OSG money shall be not less than 80 percent of the cost and at least 20% of a state's allocation must be used for green infrastructure, water and energy efficiency improvements, and other environmentally innovative activities. States are to prioritize the award of subawards to eligible subrecipients that are financially distressed communities; implementing a long-term control plan for CSOs or SSOs; or requesting funds for a project included on the CWSRF Intended Use Plan.

The CWSRF intends to use OSG funds for a limited number of eligible projects. Eligible projects exist under the following two general categories: 1) combined sewer overflow correction, and 2) stormwater and subsurface drainage water. In all cases, municipalities or municipal entities are eligible for assistance. Only capital improvement projects are eligible, including infrastructure planning, design, construction, and equipment purchases. Operations and maintenance activities are not eligible for funding. A project that receives grant money is subject to the same requirements as a project that receives money from CWSRF.

The financing package will consist of a grant for 80% of the project costs combined with a 20% CWSRF Principal Forgiveness loan. Since only \$4,622,057 is available (Grant - Admin. + Cost Share), the scope of these projects would be limited to a cost of \$1,000,000 to fund approximately five projects. The balance of the project would have to be separately funded and would be eligible for SRF funds at the rates offered for CSO projects as indicated in the IUP.

## Prioritization of Sewer Overflow and Stormwater Reuse Grants Program (OSG) Projects

Projects will be prioritized to eligible subrecipients that are financially distressed communities; implementing a long-term control plan for CSOs and requesting funds for a project included on the CWSRF Intended Use Plan. Projects will be further prioritized based on whether it serves an overburdened community identified on the NJDEP Office of Environmental Justice interactive mapping tool, the quantity of flow anticipated to be removed from a system or flood prone area, and the use of green technology consistent with the design and performance standards under [N.J.A.C. 7:8 \(Green Infrastructure in New Jersey \(www.nj.gov/dep/gi/index.html\)\)](http://www.nj.gov/dep/gi/index.html). Additional points will be awarded for documented localized flooding based on storm intensity and for applicants implementing local hiring requirements in the contract documents.

### FINANCIALLY DISTRESSED COMMUNITY

The term “financially distressed community” means a community that meets affordability criteria established by the State in which the community is located. In determining if a community is a distressed community for the purposes of OSG projects, the DEP shall consider, among other factors, the extent to which the rate of growth of a community’s tax base has been historically slow such that implementing a long-term control plan would result in a significant increase in any water or sewer rate charged by the community’s publicly owned wastewater treatment facility.

<u>Ranking Category</u>	<u>Points</u>
CWSRF Project Priority Points	CWSRF Points
Project Identified in Long Term Control Plan	100
Project Located in a Financially Distressed Community	50
Project Serves an Environmental Justice Overburdened Community	50
Flow Removed from Flood Prone Area	10/MG removed
Use of Green Technology	50
Documented Localized Flooding after 2-year Rain Event	50
Documented Localized Flooding after 5-year Rain Event	25
Implement Local Hiring requirements in Contract Documents	10

### SAIL Program

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



## Water Bank Construction (Short-Term) Loans

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

## ESTABLISHMENT OF LONG-TERM LOAN FINANCING TERMS

At the time a project is at or near construction completion, long-term financing will be issued. For construction loans issued upon certification of engineering contracts, long-term financing terms are established consistent with the IUP operative at the time of certification of the construction contract. For construction loans issued at the time of certification of construction contracts, long-term financing terms are established consistent with the IUP operative at the time of construction loan closing. For applicants financing the cost of construction through non-Water Bank sources or self-funding, long-term financing terms are established consistent with the IUP operative at the time of the long-term loan closing.

Long-term loan terms are established in accordance with the following criteria:

For Projects financed through a Water Bank Construction (Short-term) loan:

<b>Loan Issued Upon</b>	<b>Applicable Financing Term Year</b>
Certification of engineering contract	Date of certification of construction contract*
Certification of construction contract	Date of construction loan closing

\*If a project has multiple operable segments, various financing year terms may apply to a single project loan which are set at the time of each contract certification.

Applicants financing the cost of construction through non-Water Bank sources or self-funding, long-term financing terms apply at the time of long-term loan closing.

## NOTEWORTHY PROGRAM FEATURES

### Application

All applications are submitted on the H2LOans website (<https://www.h2loans.com/home>). For security reasons, the project sponsor's authorized official will need to call the I-Bank at 609-219-8601 to create an H2LOans account. The authorized official can then designate a project manager (authorized representative) to submit required information. Application deadlines have been removed and rolling applications are being accepted any time of the year.

H2LOans Tutorial Video ([https://www.youtube.com/watch?v=UgDDV\\_SyqL0](https://www.youtube.com/watch?v=UgDDV_SyqL0))

### Loan Awards

Loan awards for new projects will be made in SFY22 in accordance with [N.J.A.C. 7:22-3, 4, 5, and 9 \(http://www.nj.gov/dep/dwq/722.htm\)](http://www.nj.gov/dep/dwq/722.htm). The loan term will generally be 30 years and in some project circumstances, the Water Bank may consider loan terms of up to 45 years. In either case, the loan term cannot exceed the useful life of the project.

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

### Pre-award Approvals/Emergency Projects

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

### DEP & I-Bank Fee

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

The I-Bank's loan is issued at the same market interest rate as the I-Bank obtains from the sale of its bonds. Rather than bonding for the eligible closing costs associated with each financing, the I-Bank charged the borrowers a one-time charge of 0.1% of the principal I-Bank loan amount to partially cover the costs associated with that particular series' bond issuance expenses. These costs include such activities as: bond counsel, financial advisor, rating agencies, printing and publishing of the Notice of Sale, the Preliminary Official Statement, the Official Statement, and other costs related to the I-Bank's bond sale. In addition, the I-Bank has evaluated its existing fee structure and is returning to an annual administrative fee of 0.15% of the total original project loan amount to cover the balance of the closing cost and the annual operating expenses associated with the operations of the I-Bank and the on-going costs associated with the loan servicer and Trustees. The I-Bank's annual administrative fee is not included in the principal amount of the loan and is held in an account outside of the SRF. Changes to the I-Bank's fee annual structure is subject to all applicable approvals and publication in the SFY 2022 Financial Plan in May of 2021.

## Sources and Use of Funds

The Table below represents estimated amounts available from prior program years and anticipated uses for the SFY21 and SFY22 Water Bank Financing Program:

### SFY 2021 Financing Program

#### **Anticipated Sources:**

Funds Available from prior years	\$552 M
Repayments from prior years' loans	\$110 M
FFY 2020 CWSRF Grant	\$ 60 M
<u>State Match for FFY 2020 CWSRF Grant</u>	<u>\$ 13 M</u>
Subtotal	\$735 M
Anticipated I-Bank Share*	\$325 M

**Total Program Sources: \$1,060 M**

#### **Anticipated Uses:**

Projects to be Financed in the SFY21 Program	\$650 M
Transfer from CWSRF to DWSRF in SFY21	\$ 6 M
CWSRF to DWSRF Transfer (Water Infrastructure Funding Transfer Act)	\$113 M

**Total Program Uses: \$769 M**

### SFY 2022 Financing Program

#### **Anticipated Sources:**

Funds Available from prior years	\$291 M
Repayments from prior years' loans	\$110 M
FFY 2021 CWSRF Grant	\$ 60 M
State Match for FFY 2021 CWSRF Grant	\$ 13 M
Banked State Match Credit for FFY 2022 CWSRF Grant	\$ 5 M
Subtotal	\$474 M
Anticipated I-Bank Share*	\$325 M

**Total Program Sources: \$804 M**

#### **Anticipated Uses:**

Projects to be Financed in the SFY 2022 Program	\$650 M
CWSRF to DWSRF Transfer (33% of DWSRF Cap Grant)	\$ 6 M

**Total Program Uses \$656 M**

\*The Anticipated I-Bank Share and Total Program Sources may be greater than indicated if WIFIA loan funds and/or funds recently appropriated to the Department are leveraged by the I-Bank and blended into loan packages for I-Bank's portion of project financing.

## Financial Relationships between the CWSRF and the DWSRF

The federal Safe Drinking Water Act Amendments of 1996 offer states the flexibility to meet the funding needs for drinking water and wastewater facilities by transferring funds from one SRF program to the other. Annually, an amount up to 33% of the Drinking Water SRF Capitalization Grant may be transferred from the CWSRF program to the DWSRF program, or vice versa. The USEPA has issued guidance that would allow utilization of transfer credits and transfer of funds on a net basis (i.e., funds could be moved in both directions), provided that the final transferred amount does not exceed the authorized ceiling. Additionally, The Water Infrastructure Funding Transfer Act allows the State to transfer up to 5% of the cumulative clean water revolving fund to the drinking water revolving fund to provide additional subsidy to eligible recipients for projects that abate exposure to lead in drinking water. This is anticipated to equate to approximately \$113M in additional funding for drinking water.

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

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

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

## Additional SRF Provisions

Programmatic requirements are listed below. It is anticipated that these provisions will be maintained in a subsequent federal reauthorization act or federal policy. If substantial changes in the Act necessitate DEP's revision of the FFY 2021 document, additional public participation efforts will be conducted.

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

5. The Department also administers the Pinelands Infrastructure Trust Financing Program, and the Department is planning to capture any eligible clean water projects and utilize State Bond funds from the Pinelands Program as credit towards the State Match requirement or future State Match requirements.
6. The Water Bank is investigating opportunities to create a linked deposit program to finance individual septic system (on-site disposal system) repairs, rehabilitation, or replacement. This program is in its early stages of development.

# RESPONSE DOCUMENT FOR THE FFY2021 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST AMENDMENTS

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

This response document addresses the comments received during the public participation process for the FFY2021 Proposed Priority System, Intended Use Plan and Project Priority List Amendments issued in September 2021. On September 14, 2021, the New Jersey Department of Environmental Protection (Department) issued a notice regarding the availability of the FFY2021 Proposal document to potential applicants and other interested parties to seek public input. No written comments were received prior to the September 30, 2021, close of comment period.

# APPENDIX 1: CLEAN WATER PRIORITY SYSTEM RANKING

## METHODOLOGY

### **I. Project Priority List — General Information**

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

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

### **II. Ranking Methodology**

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

DEP's Priority List provides a strategic foundation for structural changes and includes objectives to implement projects that will help to protect, maintain, and improve water quality in and around the Barnegat Bay, while also determining the best long-term approach for restoring the ecological health of Barnegat Bay. To support these efforts to improve the water quality of the Bay, the project ranking methodology for the FFY 2021 Financing Program provides an additional 300 priority points to nonpoint source and stormwater runoff control projects that are intended to benefit the Barnegat Bay. The additional 300 points will be assigned to wastewater reuse projects that are intended to offset the loss of freshwater flows caused by the regionalization of sewage treatment plants and the use of ocean outfalls.

#### **A. Sustainable Community Planning Activities**

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

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



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

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

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

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

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

## B. Project Discharge Category Points

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

<b>Table IA. Ranking Points Related to Project Discharge Category For Wastewater Treatment Facilities</b>		
<b>Project Discharge Category</b>	<b>Description</b>	<b>Points</b>
	Combined sewer system (CSS) rehabilitation/repair, the construction of treatment and/or storage facilities within CSS, at discharge locations or at STPs that reduce or eliminate CSOs, or the separation of combined sewer systems by the consolidation and elimination or sealing of CSO discharge points. Projects that implement corrective	600

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

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

<b>Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities</b>		
<b>Project Category</b>	<b>Description</b>	<b>Points</b>
Stormwater Management and	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	225

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

### C. Water Use/Water Quality Points

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

<b>Table II. Ranking Points Related to Water Use (Existing and Potential)</b>		
<b>Water Use</b>		<b>Basis/Description</b>
Public Potable Water Supply		Wastewater treatment plant discharges likely to have adverse impacts on an existing downstream potable surface water supply intake. Projects are evaluated based on relative distance between STP discharge and public potable water intake locations.
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> ).	75
	Non-trout	State freshwater classifications not designated trout production or maintenance by <i>N.J.A.C. 7:9B</i> (see Trout description above), including all Delaware River freshwater zones above mile-point 85 as defined by the Delaware River Basin Commission.	25
Public Nuisance		Indirect water use impacts; applies to areas with identified on-site wastewater treatment system failures.	50
Agriculture		Surface water for agricultural use, such as irrigation and farm ponds, based on Department diversion permit (permits required for >70 gal/min diversion).	25
Industry		Surface water known to be used for industrial use such as cooling.	25

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

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

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

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

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

#### D. Smart Growth Approvals

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

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

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

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

#### E. Population Points

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

## APPENDIX 2: PRIORITY GROWTH INVESTMENT AREAS

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

**Table 1: Growth Areas**

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

### Regional Planning Entities

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

#### *New Jersey Sports and Exposition Authority (formerly Meadowlands Commission)*

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

#### *Pinelands Commission*

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

#### *Highlands Council*

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

#### *Fort Monmouth Economic Revitalization Planning Authority or its successor:*

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



## APPENDIX 3: CLEAN WATER AFFORDABILITY CRITERIA

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

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

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

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

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

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

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

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

NOTE: MHI (2014-2018) and Population Trend Data (percent change - April 1, 2010, to July 1, 2019) is from <https://www.census.gov/quickfacts/NJ> . County Unemployment data is from [https://www.nj.gov/labor/lpa/content/maps/laus\\_month.pdf](https://www.nj.gov/labor/lpa/content/maps/laus_month.pdf) .

APPENDIX 4: CLEAN WATER PROJECT PRIORITY LIST

Date Generated: August 17, 2021

STATE OF NEW JERSEY  
FINAL AMENDMENTS TO THE FINAL FEDERAL FISCAL YEAR 2021 (SFY 2022) PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
1	Musconetcong Sewerage Authority	<a href="#">S340384-09</a>	-	\$4,550,000	-	-	-	-	-	\$4,550,000	\$5,953,572	N/A
2	Oakland Borough	<a href="#">S340418-06</a>	-	-	-	-	-	-	-	-	\$300,000	T 230630
3	Camden County Municipal Utilities Authority	<a href="#">S340640-19</a>	-	-	-	-	\$8,000,000	-	-	\$8,000,000	\$10,690,000	T 230630
3	Camden County Municipal Utilities Authority	<a href="#">S340640-25</a>	-	-	-	-	\$11,500,000	-	-	\$11,500,000	\$14,300,000	T 230630
4	Camden County Municipal Utilities Authority	<a href="#">S340640-20</a>	-	-	-	-	-	\$5,000,000	-	\$5,000,000	\$6,500,000	N/A
5	Newton Town	<a href="#">S340449-05</a>	\$1,000,000	-	-	-	-	-	-	\$1,000,000	\$1,200,000	T 230630
7	Camden County Municipal Utilities Authority	<a href="#">S340640-27</a>	-	-	\$2,875,530	-	-	\$760,000	-	\$3,635,530	\$4,862,636	T 230630
8	Camden County Municipal Utilities Authority	<a href="#">S345040-01</a>	-	-	-	-	\$874,697	-	-	\$874,697	\$1,049,636	N/A
10	Rahway Valley Sewerage Authority	<a href="#">S340547-17</a>	\$3,750,000	-	-	-	-	-	-	\$3,750,000	\$4,800,000	T 230630
11	Rahway Valley Sewerage Authority	<a href="#">S340547-13</a>	\$7,750,000	-	-	-	-	-	-	\$7,750,000	\$10,104,841	BEYOND25
11	Rahway Valley Sewerage Authority	<a href="#">S340547-16</a>	-	\$850,000	-	-	-	-	-	\$850,000	\$1,191,434	BEYOND25
13	Camden County Municipal Utilities Authority	<a href="#">S340640-21</a>	-	-	-	-	\$25,000,000	-	-	\$25,000,000	\$32,500,000	BEYOND25
14	Raritan Borough	<a href="#">S340781-04</a>	-	-	\$250,000	-	-	-	-	\$250,000	\$360,245	BEYOND25
15	Mendham Borough	<a href="#">S340159-04</a>	\$1,600,000	-	-	-	-	-	-	\$1,600,000	\$2,030,000	N/A
16	Newark City	<a href="#">S340815-25</a>	-	-	-	-	-	-	\$270,000	\$270,000	\$388,383	T 220630
16	Newark City	<a href="#">S340815-27</a>	-	-	-	-	-	\$2,727,882	-	\$2,727,882	\$3,273,457	T 230630
16	Newark City	<a href="#">S340815-28</a>	-	-	-	-	-	-	-	-	\$642,076	N/A
17	Lower Township Municipal Utilities Authority	<a href="#">S340810-03</a>	-	\$2,333,000	-	-	-	-	-	\$2,333,000	\$3,135,057	BEYOND25
18	Oakland Borough	<a href="#">S340418-03</a>	-	\$7,000,000	-	\$21,760,000	-	-	-	\$28,760,000	\$36,522,885	BEYOND25
19	Berkeley Heights Township	<a href="#">S340385-05</a>	-	\$960,000	-	-	-	-	-	\$960,000	\$1,393,209	T 230630
20	Camden County Municipal Utilities Authority	<a href="#">S340640-32</a>	-	-	-	-	-	-	-	-	\$23,755,160	T 230630
22	Camden County Municipal Utilities Authority	<a href="#">S340640-29</a>	\$10,000,000	-	-	-	-	-	-	\$10,000,000	\$12,200,000	T 220630
23	Montgomery Township	<a href="#">S340130-03</a>	-	\$9,551,000	-	-	-	-	-	\$9,551,000	\$11,461,200	T 230630
24	Sparta Township	<a href="#">S340495-03</a>	\$1,470,000	\$637,000	-	-	-	-	-	\$2,107,000	\$2,853,484	BEYOND25
25	Warren Township Sewerage Authority	<a href="#">S340964-06</a>	\$3,500,000	-	-	-	-	-	-	\$3,500,000	\$4,450,000	T 230630
26	Newark City	<a href="#">S340815-24</a>	-	-	\$15,000,000	-	-	-	-	\$15,000,000	\$19,257,315	N/A
26	Newark City	<a href="#">S340815-26</a>	-	-	-	-	\$2,244,000	-	-	\$2,244,000	\$3,092,080	T 230630
27	Camden City	<a href="#">S340366-03</a>	-	-	\$7,949,000	-	-	-	-	\$7,949,000	\$10,361,096	BEYOND25
27	Camden City	<a href="#">S340366-06</a>	-	-	-	-	\$46,353,337	-	-	\$46,353,337	\$58,648,610	BEYOND25
27	Camden City	<a href="#">S340366-10</a>	-	-	-	-	\$500,000	-	-	\$500,000	\$708,917	BEYOND25
28	Camden City	<a href="#">S340366-07</a>	-	-	\$45,000,000	-	-	-	-	\$45,000,000	\$58,844,815	T 220630
28	Camden City	<a href="#">S340366-12</a>	-	-	-	-	\$1,500,000	-	-	\$1,500,000	\$2,120,000	T 230630
28	Camden City	<a href="#">S340366-13</a>	-	-	-	-	\$10,000,000	-	-	\$10,000,000	\$12,000,000	BEYOND25
28	Camden City	<a href="#">S340366-14</a>	-	-	-	-	\$7,000,000	-	-	\$7,000,000	\$9,370,000	T 230630
28	Camden City	<a href="#">S340366-15</a>	-	-	-	-	\$10,000,000	-	-	\$10,000,000	\$13,330,000	N/A
29	Jersey City Municipal Utilities Authority	<a href="#">S340928-27</a>	-	-	-	-	-	-	-	-	\$39,412	T 230630
29	Jersey City Municipal Utilities Authority	<a href="#">S340928-37</a>	-	-	-	-	-	-	-	-	\$327,936	T 230630
31	Middlesex County Utilities Authority	<a href="#">S340699-18</a>	\$21,875,000	-	-	-	-	-	-	\$21,875,000	\$28,892,500	T 230630

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
31	Middlesex County Utilities Authority	<a href="#">S340699-19</a>	\$23,030,000	-	-	-	-	-	-	\$23,030,000	\$30,347,800	T 230630
32	Middlesex County Utilities Authority	<a href="#">S340699-17</a>	\$11,440,000	-	-	-	-	-	-	\$11,440,000	\$13,938,000	T 220630
34	Middlesex County Utilities Authority	<a href="#">S340699-03</a>	\$100,000,000	-	-	-	-	-	-	\$100,000,000	\$363,247,172	BEYOND25
35	North Bergen Municipal Utilities Authority	<a href="#">S340652-15</a>	-	-	-	-	-	-	-	-	\$8,590,638	T 230630
35	North Bergen Municipal Utilities Authority	<a href="#">S340652-16</a>	-	-	-	-	-	-	-	-	\$21,490,000	T 230630
36	North Bergen Municipal Utilities Authority	<a href="#">S340652-12</a>	-	-	-	-	\$2,500,000	-	-	\$2,500,000	\$3,340,073	BEYOND25
37	Hoboken City	<a href="#">S340635-08</a>	-	-	-	-	\$5,000,000	-	-	\$5,000,000	\$6,600,000	T 230630
38	Hopatcong Borough	<a href="#">S340488-05</a>	-	-	-	\$13,400,000	-	-	-	\$13,400,000	\$17,222,998	BEYOND25
39	Paterson City	<a href="#">S340850-05</a>	-	-	\$50,000	-	\$150,000	\$1,350,000	-	\$1,550,000	\$1,935,000	T 230630
39	Paterson City	<a href="#">S340850-06</a>	-	-	\$173,000	-	\$519,000	\$1,038,000	-	\$1,730,000	\$2,161,100	T 230630
39	Paterson City	<a href="#">S340850-07</a>	-	-	\$171,000	-	\$513,000	\$1,026,000	-	\$1,710,000	\$2,137,200	T 230630
41	Pennsauken Township	<a href="#">S340349-03</a>	-	-	-	-	\$1,400,000	\$2,600,000	-	\$4,000,000	\$5,308,104	BEYOND25
42	Hopatcong Borough	<a href="#">S340488-08</a>	-	-	-	\$500,000	-	-	-	\$500,000	N/A	
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-42</a>	-	-	-	-	-	-	-	-	\$37,000,000	T 230630
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-43</a>	-	-	\$51,268,873	-	-	-	-	\$51,268,873	\$61,751,143	T 230630
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-44</a>	-	-	\$18,000,000	-	-	-	-	\$18,000,000	\$36,554,000	T 230630
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-46</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,600,000	T 230630
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-47</a>	-	-	-	\$9,500,000	-	-	-	\$9,500,000	\$11,400,000	T 230630
43	Jersey City Municipal Utilities Authority	<a href="#">S340928-49</a>	-	-	-	-	-	-	-	-	\$33,093,720	T 230630
44	Jersey City Municipal Utilities Authority	<a href="#">S340928-40</a>	-	-	\$2,750,000	-	-	-	-	\$2,750,000	\$3,512,000	T 220630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-16</a>	-	-	\$6,883,536	-	-	-	-	\$6,883,536	\$8,987,500	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-17</a>	-	-	-	-	\$1,000,000	-	-	\$1,000,000	\$1,396,910	BEYOND25
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-18</a>	-	-	-	-	\$4,000,000	-	-	\$4,000,000	\$5,308,104	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-21</a>	-	-	-	-	-	-	-	-	\$622,571	N/A
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-23</a>	-	-	\$1,300,000	-	-	-	-	\$1,300,000	\$1,846,000	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-24</a>	-	-	\$12,000,000	-	-	-	-	\$12,000,000	\$16,167,000	N/A
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-29</a>	-	-	\$12,000,000	-	-	-	-	\$12,000,000	\$15,360,000	BEYOND25
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-33</a>	-	-	\$6,196,076	-	-	-	-	\$6,196,076	\$7,435,291	N/A
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-35</a>	-	-	\$5,980,000	-	-	-	-	\$5,980,000	\$7,774,166	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-36</a>	-	-	\$9,000,000	-	-	-	-	\$9,000,000	\$10,800,000	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-38</a>	-	-	-	-	-	-	-	-	\$334,872	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-39</a>	-	-	\$26,100,063	-	-	-	-	\$26,100,063	\$31,877,947	T 230630
45	Jersey City Municipal Utilities Authority	<a href="#">S340928-41</a>	-	-	\$3,494,454	-	-	-	-	\$3,494,454	\$4,278,193	T 230630
46	Jersey City Municipal Utilities Authority	<a href="#">S340928-03</a>	-	-	-	-	\$37,122,000	-	-	\$37,122,000	\$47,046,859	BEYOND25
46	Jersey City Municipal Utilities Authority	<a href="#">S340928-04</a>	-	-	-	-	\$1,790,000	-	-	\$1,790,000	\$2,437,780	BEYOND25
46	Jersey City Municipal Utilities Authority	<a href="#">S340928-07</a>	-	-	-	-	\$2,504,000	-	-	\$2,504,000	\$3,345,345	BEYOND25
47	Elizabeth City	<a href="#">S340942-13</a>	-	-	-	-	\$9,500,000	-	-	\$9,500,000	\$12,357,700	T 230630
47	Elizabeth City	<a href="#">S340942-17</a>	-	-	-	-	-	-	-	-	\$508,104	N/A
47	Elizabeth City	<a href="#">S340942-20</a>	-	-	-	-	-	-	-	-	\$10,047,725	T 230630
47	Elizabeth City	<a href="#">S345070-01</a>	-	-	-	-	-	-	-	-	\$4,000,000	N/A
48	Camden County Municipal Utilities Authority	<a href="#">S340640-33</a>	\$12,500,000	-	-	-	-	-	-	\$12,500,000	\$15,416,000	T 230630
49	Camden County Municipal Utilities Authority	<a href="#">S340640-13</a>	\$4,000,000	-	-	-	-	-	-	\$4,000,000	\$5,308,104	N/A
50	Bayonne City	<a href="#">S340399-31</a>	-	-	-	-	-	-	-	-	\$1,618,539	N/A

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

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

Cat 3-Sewer System Rehabilitation  
Cat 6-Stormwater Mgmt

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
51	Bayonne Municipal Utilities Authority	<a href="#">S340399-26</a>	-	-	-	-	\$4,100,000	-	-	\$4,100,000	\$5,439,141	BEYOND25
51	Bayonne Municipal Utilities Authority	<a href="#">S340399-27</a>	-	-	-	\$3,000,000	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
52	Kearny Municipal Utilities Authority	<a href="#">S340259-06</a>	-	-	-	\$4,000,000	-	-	-	\$4,000,000	\$5,308,104	BEYOND25
52	Kearny Town	<a href="#">S340259-10</a>	-	-	\$2,666,000	-	-	-	-	\$2,666,000	\$3,558,698	BEYOND25
52	Kearny Town	<a href="#">S340259-11</a>	-	-	-	-	-	\$6,520,000	-	\$6,520,000	\$8,518,521	N/A
53	Ridgefield Park Village	<a href="#">S340688-04</a>	-	-	-	-	\$13,000,000	-	-	\$13,000,000	\$16,713,680	BEYOND25
54	Ridgefield Park Village	<a href="#">S345230-01</a>	-	-	-	-	-	-	-	-	\$800,000	T 230630
55	Guttenberg Town	<a href="#">S340854-03</a>	-	-	-	-	-	-	-	-	\$3,240,000	T 230630
56	Guttenberg Town	<a href="#">S340854-02</a>	-	-	-	-	\$280,000	-	-	\$280,000	\$402,413	BEYOND25
57	Carneys Point Sewerage Authority	<a href="#">S340502-09</a>	-	\$1,107,871	-	-	-	-	-	\$1,107,871	\$1,497,445	T 230630
58	Medford Lakes Borough	<a href="#">S340463-06</a>	-	\$3,105,000	-	-	-	-	-	\$3,105,000	\$4,135,382	BEYOND25
59	Paterson City	<a href="#">S345210-01</a>	-	-	-	-	-	-	-	-	\$200,000	T 230630
60	Perth Amboy City	<a href="#">S340435-17</a>	-	-	-	-	-	\$3,490,000	-	\$3,490,000	\$4,418,400	T 230630
61	Long Branch Sewerage Authority	<a href="#">S340336-08</a>	\$1,350,000	-	-	-	-	-	-	\$1,350,000	\$1,740,700	N/A
62	Jefferson Township	<a href="#">S340747-05</a>	-	-	-	\$14,922,000	-	-	-	\$14,922,000	\$19,158,252	BEYOND25
63	Warren County	<a href="#">S340453-03</a>	\$595,000	\$411,000	-	\$911,000	-	-	-	\$1,917,000	\$2,607,692	BEYOND25
65	Bayshore Regional Sewer Authority	<a href="#">S340697-07</a>	\$19,500,000	-	-	-	-	-	-	\$19,500,000	\$23,400,000	T 230630
66	Ocean County Utilities Authority	<a href="#">S340372-61</a>	\$3,900,000	-	-	-	-	-	-	\$3,900,000	\$5,089,600	N/A
66	Ocean County Utilities Authority	<a href="#">S340372-62</a>	\$2,950,000	-	-	-	-	-	-	\$2,950,000	\$3,949,600	N/A
66	Ocean County Utilities Authority	<a href="#">S340372-63</a>	\$1,525,000	-	-	-	-	-	-	\$1,525,000	\$2,143,000	T 220630
68	Ocean County Utilities Authority	<a href="#">S340372-64</a>	\$29,400,000	-	-	-	-	-	-	\$29,400,000	\$37,774,000	T 230630
70	Hudson County Improvement Authority	<a href="#">S340399-09</a>	-	-	-	-	\$10,846,000	-	-	\$10,846,000	\$14,038,507	BEYOND25
71	Two Rivers Water Reclamation Authority	<a href="#">S340117-07</a>	\$2,638,300	-	-	-	-	-	-	\$2,638,300	\$3,612,556	BEYOND25
72	Two Rivers Water Reclamation Authority	<a href="#">S340117-02</a>	\$5,928,999	-	-	-	-	-	-	\$5,928,999	\$7,760,140	BEYOND25
73	Two Rivers Water Reclamation Authority	<a href="#">S340117-08</a>	\$1,800,000	-	-	-	-	-	-	\$1,800,000	\$2,400,000	T 230630
75	Linden Roselle Sewerage Authority	<a href="#">S340299-04</a>	-	-	-	\$4,199,000	\$5,044,000	-	-	\$9,243,000	\$12,027,071	BEYOND25
76	Hoboken City	<a href="#">S340635-09</a>	-	-	-	-	\$333,000	-	-	\$333,000	\$429,550	N/A
77	North Bergen Municipal Utilities Authority	<a href="#">S340399-20</a>	-	\$30,000,000	-	-	-	-	-	\$30,000,000	\$38,083,680	BEYOND25
78	Mount Laurel Township Municipal Utilities Authority	<a href="#">S340943-06</a>	\$4,288,791	-	-	-	-	-	-	\$4,288,791	\$5,849,119	N/A
79	Ridgewood Village	<a href="#">S340639-05</a>	-	-	-	\$1,520,000	-	-	-	\$1,520,000	\$2,075,987	BEYOND25
80	Cliffside Park Borough	<a href="#">S340847-04</a>	-	-	-	\$1,000,000	\$2,700,000	-	-	\$3,700,000	\$4,915,537	T 230630
81	Warren County (Pequest River) Municipal Utilities Authority	<a href="#">S340454-05</a>	-	\$3,000,000	-	-	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
82	Riverton Borough	<a href="#">S340275-01</a>	\$649,000	-	-	-	-	-	-	\$649,000	\$914,970	BEYOND25
84	Jefferson Township	<a href="#">S340747-02</a>	\$1,428,000	-	-	-	-	-	-	\$1,428,000	\$1,952,637	BEYOND25
85	Wrightstown Municipal Utilities Authority	<a href="#">S340925-01</a>	\$2,000,000	\$900,000	-	-	-	-	-	\$2,900,000	\$3,866,213	BEYOND25
86	Jersey City	<a href="#">S340928-30</a>	-	-	-	-	\$2,258,942	-	-	\$2,258,942	\$2,710,730	T 230630
87	North Hudson Sewer Authority	<a href="#">S340952-35</a>	\$158,018	-	-	-	-	-	-	\$158,018	\$229,126	T 230630
88	North Hudson Sewer Authority	<a href="#">S340952-34</a>	-	-	\$768,710	-	-	-	-	\$768,710	\$1,114,630	N/A
89	North Hudson Sewer Authority	<a href="#">S340952-02</a>	-	-	\$24,320,163	-	-	-	-	\$24,320,163	\$30,948,777	BEYOND25
89	North Hudson Sewer Authority	<a href="#">S340952-18</a>	-	-	-	-	\$357,500	-	-	\$357,500	\$510,792	BEYOND25
89	North Hudson Sewer Authority	<a href="#">S340952-21</a>	-	-	-	-	\$2,000,000	-	-	\$2,000,000	\$2,718,518	BEYOND25
89	North Hudson Sewer Authority	<a href="#">S340952-24</a>	-	-	\$1,710,000	-	-	-	-	\$1,710,000	\$2,330,694	BEYOND25
89	North Hudson Sewer Authority	<a href="#">S340952-25</a>	-	-	-	-	\$1,000,000	-	-	\$1,000,000	\$1,396,910	BEYOND25

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

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
89	North Hudson Sewer Authority	<a href="#">S340952-27</a>	-	-	\$350,000	-	-	-	-	\$350,000	\$500,308	BEYOND25
90	North Hudson Sewer Authority	<a href="#">S340952-40</a>	-	-	-	-	-	-	-	-	\$11,300,000	T 230630
91	North Hudson Sewer Authority	<a href="#">S340952-32</a>	-	-	\$3,650,000	-	-	-	-	\$3,650,000	\$4,492,662	BEYOND25
91	North Hudson Sewer Authority	<a href="#">S340952-33</a>	-	-	-	-	-	-	-	-	\$20,784,000	N/A
92	North Hudson Sewer Authority	<a href="#">S340952-29</a>	\$933,000	-	-	-	-	-	-	\$933,000	\$1,199,640	BEYOND25
92	North Hudson Sewer Authority	<a href="#">S340952-30</a>	\$1,670,000	-	-	-	-	-	-	\$1,670,000	\$2,454,000	N/A
92	North Hudson Sewer Authority	<a href="#">S340952-31</a>	-	-	-	-	-	\$394,000	-	\$394,000	\$547,350	N/A
92	North Hudson Sewer Authority	<a href="#">S345190-01</a>	-	-	-	-	-	-	-	-	\$3,000,000	N/A
93	North Hudson Sewer Authority	<a href="#">S340952-37</a>	-	-	\$4,500,000	-	-	-	-	\$4,500,000	\$5,400,000	T 230630
93	North Hudson Sewer Authority	<a href="#">S340952-38</a>	-	-	-	-	-	-	-	-	\$1,351,200	T 230630
93	North Hudson Sewer Authority	<a href="#">S340952-39</a>	-	-	-	-	-	-	-	-	\$12,680,000	T 230630
94	Long Branch Sewerage Authority	<a href="#">S340820-04</a>	\$4,422,000	-	-	-	-	-	-	\$4,422,000	\$5,860,527	BEYOND25
95	Hudson County Improvement Authority	<a href="#">S340652-01</a>	-	-	-	\$2,800,000	\$200,000	-	-	\$3,000,000	\$3,997,392	BEYOND25
96	Riverside Sewerage Authority	<a href="#">S340490-01</a>	-	\$282,900	-	-	-	-	-	\$282,900	\$410,205	T 220630
98	Hamilton Township	<a href="#">S340898-01</a>	-	\$8,830,000	-	-	-	-	-	\$8,830,000	\$11,495,634	BEYOND25
99	Perth Amboy City	<a href="#">S340435-14</a>	-	-	-	-	\$2,000,000	-	-	\$2,000,000	\$2,500,000	N/A
99	Perth Amboy City	<a href="#">S340435-16</a>	-	-	-	-	\$1,000,000	-	-	\$1,000,000	\$1,120,000	BEYOND25
99	Perth Amboy City	<a href="#">S340435-19</a>	-	-	-	-	-	-	-	-	\$387,200	T 230630
99	Perth Amboy City	<a href="#">S345220-01</a>	-	-	-	-	\$767,087	-	-	\$767,087	\$920,504	N/A
100	West Milford Municipal Utilities Authority	<a href="#">S340701-11</a>	-	\$7,040,000	-	-	-	-	-	\$7,040,000	\$9,189,254	BEYOND25
100	West Milford Municipal Utilities Authority	<a href="#">S340701-12</a>	\$208,500	-	-	-	-	-	-	\$208,500	\$301,823	BEYOND25
101	Hackensack City	<a href="#">S340923-12</a>	-	-	\$1,400,000	-	\$2,974,000	-	-	\$4,374,000	\$5,903,680	BEYOND25
101	Hackensack City	<a href="#">S340923-13</a>	-	-	-	-	-	-	-	-	\$14,700,000	N/A
101	Hackensack City	<a href="#">S340923-14</a>	-	-	-	-	-	-	-	-	\$6,480,000	N/A
101	Hackensack City	<a href="#">S340923-16</a>	-	-	-	-	-	-	-	-	\$4,860,000	T 230630
101	Hackensack City	<a href="#">S340923-17</a>	-	-	-	-	-	-	-	-	\$7,425,000	T 230630
101	Hackensack City	<a href="#">S340923-18</a>	-	-	-	-	-	-	-	-	\$7,875,000	T 230630
101	Hackensack City	<a href="#">S340923-19</a>	-	-	-	-	-	-	-	-	\$5,130,000	T 230630
103	Atlantic County Utilities Authority	<a href="#">S340809-08</a>	\$1,196,000	-	-	-	-	-	-	\$1,196,000	\$1,640,997	BEYOND25
105	Somerset Raritan Valley Sewer Authority	<a href="#">S340801-09</a>	\$5,000,000	-	-	-	-	-	-	\$5,000,000	\$6,000,000	N/A
106	Somerset Raritan Valley Sewer Authority	<a href="#">S340801-07</a>	\$11,500,000	-	-	-	-	-	-	\$11,500,000	\$14,834,451	N/A
107	Rockaway Valley Regional Sewer Authority	<a href="#">S340821-04</a>	\$7,500,000	-	-	-	-	-	-	\$7,500,000	\$9,782,685	BEYOND25
108	Neptune Township Sewerage Authority	<a href="#">S340410-05</a>	-	\$8,200,000	-	-	-	-	-	\$8,200,000	\$10,684,529	BEYOND25
109	Evesham Municipal Utilities Authority	<a href="#">S340463-05</a>	\$2,550,000	\$52,000	\$102,000	\$2,713,000	-	-	-	\$5,417,000	\$7,132,162	BEYOND25
111	Edgewater Municipal Utilities Authority	<a href="#">S340446-09</a>	\$1,500,000	\$300,000	-	-	-	-	-	\$1,800,000	\$2,451,173	BEYOND25
112	Delaware Township Municipal Utilities Authority	<a href="#">S340917-01</a>	-	\$2,800,000	\$100,000	-	-	-	-	\$2,900,000	\$3,866,213	BEYOND25
113	Delran Township	<a href="#">S340794-08</a>	-	\$1,370,000	-	-	-	-	-	\$1,370,000	\$1,874,782	BEYOND25
113	Delran Township	<a href="#">S340794-11</a>	-	\$1,515,000	-	-	-	-	-	\$1,515,000	\$2,003,000	T 230630
114	Passaic Valley Sewerage Commission	<a href="#">S340689-37</a>	\$8,333,000	-	-	-	-	-	-	\$8,333,000	\$107,091,640	N/A
114	Passaic Valley Sewerage Commission	<a href="#">S340689-47</a>	-	-	-	-	\$76,081,000	-	-	\$76,081,000	\$94,965,434	T 230630
114	Passaic Valley Sewerage Commission	<a href="#">S340689-58</a>	\$63,628,047	-	-	-	-	-	-	\$63,628,047	\$79,066,476	T 230630
115	Passaic Valley Sewerage Commission	<a href="#">S340689-44</a>	-	-	-	-	-	-	-	-	\$852,605	T 220630
116	Passaic Valley Sewerage Commission	<a href="#">S340689-52</a>	\$51,500,000	-	-	-	-	-	-	\$51,500,000	\$66,477,527	T 220630

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116	Passaic Valley Sewerage Commission	<a href="#">S340689-53</a>	\$9,716,000	-	-	-	-	-	-	\$9,716,000	\$16,843,200	T 220630
116	Passaic Valley Sewerage Commission	<a href="#">S340689-55</a>	\$7,300,000	-	-	-	-	-	-	\$7,300,000	\$9,288,380	T 230630
116	Passaic Valley Sewerage Commission	<a href="#">S340689-56</a>	\$4,500,000	-	-	-	-	-	-	\$4,500,000	\$5,940,000	T 230630
117	Passaic Valley Sewerage Commission	<a href="#">S340689-23</a>	\$100,000,000	-	-	-	-	-	-	\$100,000,000	\$149,620,317	T 220630
117	Passaic Valley Sewerage Commission	<a href="#">S345200-01</a>	-	-	-	-	-	-	-	-	\$7,551,288	N/A
118	Passaic Valley Sewerage Commission	<a href="#">S340689-51</a>	-	-	-	-	-	-	-	-	\$39,087,360	T 230630
119	Passaic Valley Sewerage Commission	<a href="#">S340689-49</a>	\$74,400,000	-	-	-	-	-	-	\$74,400,000	\$159,857,600	T 220630
120	Passaic Valley Sewerage Commission	<a href="#">S340689-24</a>	\$14,000,000	-	-	-	-	-	-	\$14,000,000	\$17,986,421	BEYOND25
120	Passaic Valley Sewerage Commission	<a href="#">S340689-26</a>	\$46,000,000	-	-	-	-	-	-	\$46,000,000	\$58,205,014	BEYOND25
120	Passaic Valley Sewerage Commission	<a href="#">S340689-28</a>	\$2,500,000	-	-	-	-	-	-	\$2,500,000	\$3,340,073	BEYOND25
120	Passaic Valley Sewerage Commission	<a href="#">S340689-29</a>	\$47,523,720	-	-	-	-	-	-	\$47,523,720	\$60,117,586	BEYOND25
120	Passaic Valley Sewerage Commission	<a href="#">S340689-33</a>	\$4,468,500	-	-	-	-	-	-	\$4,468,500	\$5,921,310	T 220630
121	Atlantic County Utilities Authority	<a href="#">S340809-09</a>	\$2,000,000	-	-	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
122	Northwest Bergen County Utilities Authority	<a href="#">S340700-16</a>	\$2,808,000	-	-	-	-	-	-	\$2,808,000	\$3,753,040	N/A
123	East Windsor Municipal Utilities Authority	<a href="#">S340536-08</a>	\$9,450,000	-	-	-	-	-	-	\$9,450,000	\$12,293,391	BEYOND25
124	Pennsville Sewerage Authority	<a href="#">S340870-02</a>	-	\$1,200,000	-	\$4,281,000	-	-	-	\$5,481,000	\$7,211,095	BEYOND25
125	Pennsville Sewerage Authority	<a href="#">S340870-05</a>	\$2,796,750	-	-	-	-	-	-	\$2,796,750	\$3,951,710	T 230630
126	Harrison Township	<a href="#">S340362-05</a>	\$794,000	-	-	-	-	-	-	\$794,000	\$1,114,504	BEYOND25
127	Gloucester County Utilities Authority	<a href="#">S340526-06</a>	\$1,122,000	\$561,000	-	-	-	-	-	\$1,683,000	\$2,294,564	BEYOND25
128	Beach Haven Borough	<a href="#">S344220-01</a>	-	-	-	-	-	\$1,572,000	-	\$1,572,000	\$2,038,640	T 230630
129	Phillipsburg Town	<a href="#">S340874-09</a>	-	\$2,400,000	-	-	-	-	-	\$2,400,000	\$3,123,000	T 230630
130	Logan Township Municipal Utilities Authority	<a href="#">S340123-02</a>	\$7,880,000	-	-	-	-	-	-	\$7,880,000	\$9,948,000	N/A
132	Bergen County Utilities Authority	<a href="#">S340386-19</a>	\$2,600,000	-	-	-	-	-	-	\$2,600,000	\$3,240,000	T 230630
132	Bergen County Utilities Authority	<a href="#">S340386-20</a>	\$7,000,000	-	-	-	-	-	-	\$7,000,000	\$9,000,000	T 230630
132	Bergen County Utilities Authority	<a href="#">S340386-21</a>	\$1,500,000	-	-	-	-	-	-	\$1,500,000	\$1,920,000	N/A
132	Bergen County Utilities Authority	<a href="#">S340386-22</a>	\$3,700,000	-	-	-	-	-	-	\$3,700,000	\$5,690,000	T 230630
132	Bergen County Utilities Authority	<a href="#">S340386-23</a>	\$14,000,000	-	-	-	-	-	-	\$14,000,000	\$17,820,000	N/A
132	Bergen County Utilities Authority	<a href="#">S340386-24</a>	\$1,500,000	-	-	-	-	-	-	\$1,500,000	\$1,950,000	N/A
133	Bergen County Utilities Authority	<a href="#">S340386-09</a>	-	-	\$25,000,000	-	-	-	-	\$25,000,000	\$31,783,125	BEYOND25
133	Bergen County Utilities Authority	<a href="#">S340386-11</a>	\$12,000,000	-	-	-	-	-	-	\$12,000,000	\$15,439,092	BEYOND25
133	Bergen County Utilities Authority	<a href="#">S340386-12</a>	\$10,000,000	-	-	-	-	-	-	\$10,000,000	\$13,000,360	BEYOND25
133	Bergen County Utilities Authority	<a href="#">S340386-14</a>	\$42,790,000	-	-	-	-	-	-	\$42,790,000	\$54,172,587	BEYOND25
133	Bergen County Utilities Authority	<a href="#">S340386-15</a>	\$33,185,000	-	-	-	-	-	-	\$33,185,000	\$42,094,280	N/A
133	Bergen County Utilities Authority	<a href="#">S340386-16</a>	\$15,220,000	-	-	-	-	-	-	\$15,220,000	\$19,537,263	T 220630
133	Bergen County Utilities Authority	<a href="#">S340386-18</a>	-	-	\$1,830,000	-	-	-	-	\$1,830,000	\$2,491,339	T 230630
135	Linden Roselle Sewerage Authority	<a href="#">S340299-08</a>	\$14,000,000	-	-	-	-	-	-	\$14,000,000	\$16,800,000	T 220630
136	Gloucester City	<a href="#">S345090-01</a>	-	-	-	-	-	-	-	-	-	T 230630
137	Lambertville Municipal Utilities Authority	<a href="#">S340882-09</a>	\$525,000	-	-	-	-	-	-	\$525,000	\$711,320	N/A
138	Mansfield Township	<a href="#">S340935-01</a>	\$700,000	\$300,000	-	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
139	Raritan Township Municipal Utilities Authority	<a href="#">S340485-05</a>	\$215,000	-	-	-	-	-	-	\$215,000	\$311,009	BEYOND25
141	Passaic Valley Sewerage Commission	<a href="#">S340689-50</a>	\$5,272,544	-	-	-	-	-	-	\$5,272,544	\$6,708,431	T 220630
142	Passaic Valley Sewerage Commission	<a href="#">S340689-16</a>	\$10,000,000	-	-	-	-	-	-	\$10,000,000	\$13,000,360	BEYOND25
142	Passaic Valley Sewerage Commission	<a href="#">S340689-19</a>	\$50,000,000	-	-	-	-	-	-	\$50,000,000	\$63,223,700	BEYOND25

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144	Raritan Township Municipal Utilities Authority	<a href="#">S340485-12</a>	\$3,469,697	-	-	-	-	-	-	\$3,469,697	\$4,709,999	N/A
145	Clinton Town	<a href="#">S340924-05</a>	\$1,130,000	-	-	-	-	-	-	\$1,130,000	\$1,559,892	BEYOND25
145	Clinton Town	<a href="#">S340924-08</a>	\$2,500,000	-	-	-	-	-	-	\$2,500,000	\$3,185,000	N/A
146	Allamuchy Township	<a href="#">S340256-02</a>	-	\$3,000,000	-	-	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
148	JMEUC	<a href="#">S340686-04</a>	\$8,600,000	-	-	-	-	-	-	\$8,600,000	\$11,199,679	BEYOND25
149	JMEUC	<a href="#">S340686-11</a>	-	-	-	-	-	-	-	-	\$9,713,429	T 230630
150	Newark City	<a href="#">S340815-16</a>	-	-	-	-	-	\$4,470,000	-	\$4,470,000	\$5,923,270	BEYOND25
150	Newark City	<a href="#">S340815-19</a>	-	-	\$3,500,000	-	-	-	-	\$3,500,000	\$4,653,327	BEYOND25
151	Gloucester County Utilities Authority	<a href="#">S340902-15</a>	\$5,400,000	-	-	-	-	-	-	\$5,400,000	\$7,200,000	N/A
152	Stafford Township	<a href="#">S344100-02</a>	-	-	-	-	-	\$4,479,250	-	\$4,479,250	\$5,935,359	BEYOND25
152	Stafford Township	<a href="#">S344100-03</a>	-	-	-	-	-	\$2,261,475	-	\$2,261,475	\$3,046,458	T 220630
153	Buena Borough Municipal Utilities Authority	<a href="#">S340518-04</a>	\$1,500,000	-	-	-	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
154	Berkeley Township	<a href="#">S344020-01</a>	-	-	-	-	-	\$663,750	-	\$663,750	\$905,062	T 230630
154	Berkeley Township	<a href="#">S344020-02</a>	-	-	-	-	-	\$663,750	-	\$663,750	\$905,062	T 230630
155	Allentown Borough	<a href="#">S340567-05</a>	-	-	-	\$4,190,300	-	-	-	\$4,190,300	\$5,761,196	N/A
156	Stony Brook Regional Sewer Authority	<a href="#">S340400-11</a>	-	\$16,605,146	-	-	-	-	-	\$16,605,146	\$20,925,055	N/A
158	Western Monmouth Utilities Authority	<a href="#">S340128-03</a>	\$10,000,000	-	-	-	-	-	-	\$10,000,000	\$13,000,360	BEYOND25
159	Gloucester Township Municipal Utilities Authority	<a href="#">S340364-09</a>	\$612,500	-	-	-	-	-	-	\$612,500	\$864,565	BEYOND25
160	Ocean County	<a href="#">S344080-02</a>	-	-	-	-	-	\$1,744,711	-	\$1,744,711	\$2,093,653	BEYOND25
161	Evesham Municipal Utilities Authority	<a href="#">S340838-09</a>	-	\$280,000	-	-	-	-	-	\$280,000	\$388,000	T 220630
161	Evesham Municipal Utilities Authority	<a href="#">S340838-10</a>	-	\$1,100,000	-	-	-	-	-	\$1,100,000	\$1,449,000	T 230630
162	Maple Shade Township	<a href="#">S340710-05</a>	\$1,867,520	-	-	-	-	-	-	\$1,867,520	\$2,541,541	BEYOND25
163	Long Hill Township	<a href="#">S340404-10</a>	-	\$3,656,760	\$2,073,545	-	-	-	-	\$5,730,305	\$7,439,786	T 230630
164	Jefferson Township	<a href="#">S340747-04</a>	-	-	-	\$4,932,000	-	-	-	\$4,932,000	\$6,526,216	BEYOND25
165	North Wildwood City	<a href="#">S340663-07</a>	-	-	\$13,313,000	-	-	-	-	\$13,313,000	\$17,968,040	BEYOND25
166	Seaside Park Borough	<a href="#">S344200-02</a>	-	-	-	-	-	\$2,076,690	-	\$2,076,690	\$2,691,442	BEYOND25
167	Howell Township Municipal Utilities Authority	<a href="#">S340832-01</a>	-	-	-	\$4,435,000	-	-	-	\$4,435,000	\$5,877,522	BEYOND25
168	Bay Head Borough	<a href="#">S344120-02</a>	-	-	-	-	-	\$200,000	-	\$200,000	\$289,789	BEYOND25
169	Hammonton Town	<a href="#">S340927-07</a>	-	\$2,900,000	-	-	-	-	-	\$2,900,000	\$3,866,213	BEYOND25
170	Bergen County Utilities Authority	<a href="#">S340386-26</a>	\$2,000,000	-	-	-	-	-	-	\$2,000,000	\$2,626,800	T 220630
171	Bergen County Utilities Authority	<a href="#">S340386-10</a>	\$4,500,000	-	-	-	-	-	-	\$4,500,000	\$5,962,475	BEYOND25
171	Bergen County Utilities Authority	<a href="#">S340386-13</a>	\$24,900,000	-	-	-	-	-	-	\$24,900,000	\$31,660,502	T 230630
172	East Orange (JMEUC) City	<a href="#">S340686-08a</a>	\$613,230	-	-	-	-	-	-	\$613,230	\$928,676	N/A
172	East Orange (JMEUC) City	<a href="#">S340686-09A</a>	\$389,829	-	-	-	-	-	-	\$389,829	\$620,504	N/A
172	Elizabeth (JMEUC) City	<a href="#">S340686-08b</a>	\$7,340,243	-	-	-	-	-	-	\$7,340,243	\$10,123,700	N/A
172	Elizabeth (JMEUC) City	<a href="#">S340686-09B</a>	\$4,666,181	-	-	-	-	-	-	\$4,666,181	\$6,505,876	N/A
172	Hillside (JMEUC) Township	<a href="#">S340686-08c</a>	\$939,231	-	-	-	-	-	-	\$939,231	\$1,375,946	N/A
172	Hillside (JMEUC) Township	<a href="#">S340686-09C</a>	\$597,068	-	-	-	-	-	-	\$597,068	\$908,430	N/A
172	Irvington (JMEUC) Township	<a href="#">S340686-08d</a>	\$2,490,070	-	-	-	-	-	-	\$2,490,070	\$3,495,532	N/A
172	Irvington (JMEUC) Township	<a href="#">S340686-09D</a>	\$1,582,934	-	-	-	-	-	-	\$1,582,934	\$2,252,347	N/A
172	JMEUC	<a href="#">S340686-08</a>	\$76,983,778	-	-	-	-	-	-	\$76,983,778	\$101,231,766	T 220630
172	Maplewood (JMEUC) Township	<a href="#">S340686-08e</a>	\$957,276	-	-	-	-	-	-	\$957,276	\$1,401,349	N/A
172	Millburn Township	<a href="#">S340686-08f</a>	\$845,957	-	-	-	-	-	-	\$845,957	\$1,248,866	N/A

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
172	Newark (JMEUC) City	<a href="#">S340686-08g</a>	\$1,453,214	-	-	-	-	-	-	\$1,453,214	\$2,077,409	N/A
172	Newark (JMEUC) City	<a href="#">S340686-09E</a>	\$923,806	-	-	-	-	-	-	\$923,806	\$1,363,042	N/A
172	Roselle Park (JMEUC) Borough	<a href="#">S340686-08h</a>	\$413,825	-	-	-	-	-	-	\$413,825	\$659,229	N/A
172	South Orange Village (JMEUC) Township	<a href="#">S340686-08i</a>	\$646,998	-	-	-	-	-	-	\$646,998	\$974,429	N/A
172	South Orange Village (JMEUC) Township	<a href="#">S340686-09F</a>	\$411,296	-	-	-	-	-	-	\$411,296	\$650,806	N/A
172	Summit (JMEUC) City	<a href="#">S340686-08j</a>	\$1,261,597	-	-	-	-	-	-	\$1,261,597	\$1,818,135	N/A
172	Summit (JMEUC) City	<a href="#">S340686-09G</a>	\$801,995	-	-	-	-	-	-	\$801,995	\$1,186,322	N/A
172	Union (JMEUC) Township	<a href="#">S340686-08k</a>	\$2,711,557	-	-	-	-	-	-	\$2,711,557	\$3,795,472	N/A
172	Union (JMEUC) Township	<a href="#">S340686-09H</a>	\$1,723,732	-	-	-	-	-	-	\$1,723,732	\$2,449,335	N/A
172	West Orange (JMEUC) Township	<a href="#">S340686-08l</a>	\$1,719,168	-	-	-	-	-	-	\$1,719,168	\$2,443,341	N/A
172	West Orange (JMEUC) Township	<a href="#">S340686-09l</a>	\$1,092,873	-	-	-	-	-	-	\$1,092,873	\$1,585,429	N/A
174	Howell Township	<a href="#">S344040-02</a>	-	-	-	\$10,746,713	-	-	-	\$10,746,713	\$14,258,859	N/A
175	Parsippany Troy Hills Township	<a href="#">S340886-04</a>	-	\$8,316,000	-	-	-	-	-	\$8,316,000	\$10,833,981	BEYOND25
176	Kearny Municipal Utilities Authority	<a href="#">S340259-08</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
177	Rutgers, The State University of New Jersey	<a href="#">S340500-01</a>	\$30,000,000	-	-	-	-	-	-	\$30,000,000	\$36,000,000	N/A
177	Rutgers, The State University of New Jersey	<a href="#">S340500-02</a>	\$41,205,000	-	-	-	-	-	-	\$41,205,000	\$49,446,000	BEYOND25
178	Northfield City	<a href="#">S340508-04</a>	-	-	\$450,000	-	-	-	-	\$450,000	\$720,000	T 230630
179	Brick Township	<a href="#">S344030-01</a>	-	-	-	-	-	\$731,811	-	\$731,811	\$1,029,030	BEYOND25
180	Manchester Township	<a href="#">S344070-01</a>	-	-	-	-	-	\$575,068	-	\$575,068	\$812,885	BEYOND25
181	Willingboro Municipal Utilities Authority	<a href="#">S340132-09</a>	\$3,600,000	-	-	-	-	-	-	\$3,600,000	\$4,550,000	N/A
184	Little Egg Harbor Township	<a href="#">S344060-01</a>	-	-	-	-	-	\$2,187,500	-	\$2,187,500	\$2,954,323	BEYOND25
185	Hightstown Borough	<a href="#">S340915-06</a>	-	\$1,035,000	-	-	-	-	-	\$1,035,000	\$1,441,211	BEYOND25
186	Lakehurst Borough	<a href="#">S344150-01</a>	-	-	-	-	-	\$361,000	-	\$361,000	\$515,681	BEYOND25
187	Lacey Township	<a href="#">S344140-01</a>	-	-	-	-	-	\$225,380	-	\$225,380	\$325,651	BEYOND25
188	Ocean County	<a href="#">S344080-06</a>	-	-	-	-	-	\$2,000,000	-	\$2,000,000	\$2,718,518	BEYOND25
189	Ocean County	<a href="#">S344080-10</a>	-	-	-	-	-	\$200,000	-	\$200,000	\$240,000	T 230630
189	Ocean County	<a href="#">S344080-11</a>	-	-	-	-	-	\$280,000	-	\$280,000	\$336,000	T 230630
190	Rockaway Valley Regional Sewer Authority	<a href="#">S340821-08</a>	-	\$12,000,000	-	-	-	-	-	\$12,000,000	\$15,439,092	N/A
191	Ocean County	<a href="#">S344080-09</a>	-	-	-	-	-	\$775,000	-	\$775,000	\$1,123,750	T 230630
194	Landis Sewerage Authority	<a href="#">S340461-05</a>	\$2,700,000	-	-	-	-	-	-	\$2,700,000	\$3,603,428	BEYOND25
195	Lacey Township	<a href="#">S344140-02</a>	-	-	-	-	-	\$1,197,000	-	\$1,197,000	\$1,559,000	T 230630
196	Chatham (MCJM) Borough	<a href="#">S340715-07A</a>	-	\$5,700,000	-	-	-	-	-	\$5,700,000	\$7,289,180	N/A
196	Madison (MCJM) Borough	<a href="#">S340715-07B</a>	-	\$5,700,000	-	-	-	-	-	\$5,700,000	\$7,289,180	N/A
197	Point Pleasant Borough	<a href="#">S344210-01</a>	-	-	-	-	-	\$220,000	-	\$220,000	\$318,067	BEYOND25
198	Beachwood Borough	<a href="#">S344010-02</a>	-	-	-	-	-	\$500,000	-	\$500,000	\$708,917	BEYOND25
199	Beachwood Borough	<a href="#">S344010-01</a>	-	-	-	-	-	\$696,500	-	\$696,500	\$980,378	BEYOND25
200	Millstone Township	<a href="#">S344160-01</a>	-	-	-	-	-	\$250,000	-	\$250,000	\$360,245	BEYOND25
201	Wildwood City	<a href="#">S340664-06</a>	-	-	\$11,891,277	-	-	-	-	\$11,891,277	\$15,713,009	N/A
203	Ocean Gate Borough	<a href="#">S344180-01</a>	-	-	-	-	-	\$1,690,000	-	\$1,690,000	\$2,303,933	T 230630
204	Pine Beach Borough	<a href="#">S344090-01</a>	-	-	-	-	-	\$305,000	-	\$305,000	\$437,413	BEYOND25
205	Bay Head Borough	<a href="#">S344120-01</a>	-	-	-	-	-	\$172,500	-	\$172,500	\$250,886	BEYOND25
206	Roosevelt Borough	<a href="#">S340761-03</a>	\$111,500	-	-	-	-	-	-	\$111,500	\$161,675	BEYOND25
206	Roosevelt Borough	<a href="#">S340761-04</a>	\$1,200,000	-	-	-	-	-	-	\$1,200,000	\$1,744,000	BEYOND25

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Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
207	Jersey City Municipal Utilities Authority	<a href="#">S340928-48</a>	-	-	\$2,018,000	-	-	-	-	\$2,018,000	\$2,521,600	T 230630
208	Passaic Valley Sewerage Commission	<a href="#">S340689-57</a>	-	-	\$56,800,000	-	-	-	-	\$56,800,000	\$72,931,505	T 230630
209	New Jersey Water Supply Authority	<a href="#">S340421-02</a>	-	\$65,185,000	-	-	-	-	-	\$65,185,000	\$82,822,000	N/A
209	New Jersey Water Supply Authority	<a href="#">S340421-03</a>	-	\$65,185,000	-	-	-	-	-	\$65,185,000	\$82,822,000	BEYOND25
210	Atlantic County Utilities Authority	<a href="#">S340809-21</a>	-	-	-	\$6,500,000	-	-	-	\$6,500,000	\$8,492,702	BEYOND25
210	Atlantic County Utilities Authority	<a href="#">S340809-22</a>	-	-	\$12,000,000	-	-	-	-	\$12,000,000	\$15,439,092	BEYOND25
211	Paterson City	<a href="#">S340850-01</a>	-	-	\$22,136,000	-	-	-	-	\$22,136,000	\$28,256,876	BEYOND25
212	Trenton City	<a href="#">S340416-12</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
213	Northwest Bergen County Utilities Authority	<a href="#">S340700-17</a>	-	-	-	-	-	-	-	-	\$443,500	BEYOND25
214	North Bergen Municipal Utilities Authority	<a href="#">S340652-10</a>	-	-	-	-	-	\$1,225,000	-	\$1,225,000	\$1,679,606	BEYOND25
214	North Bergen Township	<a href="#">S340652-07</a>	-	-	\$450,000	-	-	-	-	\$450,000	\$639,645	BEYOND25
215	Kearny Municipal Utilities Authority	<a href="#">S340259-14</a>	-	-	\$675,000	-	-	-	-	\$675,000	\$1,582,000	T 230630
216	Winslow Township	<a href="#">S340895-08</a>	-	-	-	\$1,275,900	-	-	-	\$1,275,900	\$1,748,207	BEYOND25
217	Salem County	<a href="#">S340804-04</a>	-	\$14,218,000	-	-	-	-	-	\$14,218,000	\$18,263,633	BEYOND25
218	Asbury Park City	<a href="#">S340883-05</a>	-	-	\$11,322,131	-	-	-	-	\$11,322,131	\$14,618,545	BEYOND25
218	Asbury Park City	<a href="#">S340883-06</a>	\$250,000	-	\$12,000,000	\$1,250,000	-	-	-	\$13,500,000	\$17,350,281	BEYOND25
219	North Arlington Borough	<a href="#">S340959-03</a>	-	-	\$265,000	-	-	-	-	\$265,000	\$381,358	BEYOND25
220	Phillipsburg Town	<a href="#">S340874-08</a>	-	-	\$3,678,000	-	-	\$1,576,000	-	\$5,254,000	\$8,787,800	T 230630
221	Hackettstown Municipal Utilities Authority	<a href="#">S340803-04</a>	-	-	-	\$1,011,500	-	-	-	\$1,011,500	\$1,411,500	BEYOND25
224	Long Branch Sewerage Authority	<a href="#">S340336-09</a>	-	-	\$4,310,000	-	-	-	-	\$4,310,000	\$5,506,680	N/A
225	Millville City	<a href="#">S340921-04</a>	-	-	\$5,350,000	\$1,200,000	-	-	-	\$6,550,000	\$8,557,247	BEYOND25
226	Long Branch Sewerage Authority	<a href="#">S340336-05</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
227	Princeton	<a href="#">S340656-08</a>	-	-	\$2,897,244	-	-	-	-	\$2,897,244	\$3,862,596	T 230630
227	Princeton	<a href="#">S340656-09</a>	-	-	\$1,330,420	-	-	-	-	\$1,330,420	\$1,821,582	T 230630
228	Stafford Township	<a href="#">S340946-05</a>	-	-	\$664,959	-	-	-	-	\$664,959	\$936,970	BEYOND25
228	Stafford Township	<a href="#">S340946-07</a>	-	-	\$3,983,110	-	-	-	-	\$3,983,110	\$4,859,394	N/A
228	Stafford Township	<a href="#">S340946-08</a>	-	-	\$2,669,861	-	-	-	-	\$2,669,861	\$3,203,833	T 220630
229	Ocean City	<a href="#">S340730-01</a>	-	-	\$39,000	-	-	-	-	\$39,000	\$57,540	BEYOND25
230	Metuchen Borough	<a href="#">S340360-02</a>	-	-	\$1,190,000	-	-	-	-	\$1,190,000	\$1,578,000	T 220630
231	Metuchen Borough	<a href="#">S340360-01</a>	-	-	\$2,800,000	-	-	-	-	\$2,800,000	\$3,734,892	BEYOND25
232	Somerville Borough	<a href="#">S340551-01</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,700,000	T 220630
233	Wildwood City	<a href="#">S340664-03</a>	-	-	\$2,250,000	-	-	-	-	\$2,250,000	\$3,032,199	BEYOND25
234	North Wildwood City	<a href="#">S340663-04</a>	-	-	\$8,716,640	-	-	-	-	\$8,716,640	\$11,349,789	BEYOND25
235	Netcong Borough	<a href="#">S340538-01</a>	-	-	-	-	-	-	-	-	\$95,000	T 220630
236	West Wildwood Borough	<a href="#">S340626-03</a>	-	-	\$396,000	-	-	-	-	\$396,000	\$564,453	BEYOND25
237	Manasquan River Regional Sewerage Authority	<a href="#">S340911-03</a>	-	-	-	-	-	-	-	-	\$660,000	T 230630
238	Manasquan River Regional Sewerage Authority	<a href="#">S340911-04</a>	-	-	\$1,800,000	-	-	-	-	\$1,800,000	\$2,388,541	T 230630
239	Willingboro Municipal Utilities Authority	<a href="#">S340132-08</a>	-	-	\$1,142,500	-	-	-	-	\$1,142,500	\$1,575,337	T 230630
240	Vernon Township	<a href="#">S340745-03</a>	-	-	\$1,750,000	-	-	-	-	\$1,750,000	\$2,100,000	N/A
241	Barneгат Township	<a href="#">S340620-06</a>	-	-	\$375,000	-	-	-	-	\$375,000	\$535,216	BEYOND25
241	Barneгат Township	<a href="#">S340620-07</a>	-	-	\$400,000	-	-	-	-	\$400,000	\$570,013	BEYOND25
242	Little Egg Harbor Municipal Utilities Authority	<a href="#">S340579-05</a>	-	-	\$3,333,575	-	-	-	-	\$3,333,575	\$4,179,180	T 230630
243	Delran Township	<a href="#">S340794-09</a>	-	-	\$530,000	-	-	-	-	\$530,000	\$750,544	BEYOND25

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243	Delran Township	<a href="#">S340794-10</a>	-	-	\$1,535,000	-	-	-	-	\$1,535,000	\$1,998,000	N/A
244	Hopatcong Borough	<a href="#">S340488-07</a>	-	-	-	-	-	-	-	-	\$75,000	N/A
245	Hammonton Town	<a href="#">S340927-06</a>	-	\$225,000	-	-	-	-	-	\$225,000	\$325,117	BEYOND25
245	Hammonton Town	<a href="#">S340927-08</a>	-	-	\$1,627,740	-	-	-	-	\$1,627,740	\$2,220,550	BEYOND25
246	Totowa Borough	<a href="#">S340778-01</a>	-	-	\$700,000	-	-	-	-	\$700,000	\$985,189	BEYOND25
247	Freehold Borough	<a href="#">S340304-02</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
248	Hightstown Borough	<a href="#">S340915-04</a>	-	-	\$44,700	\$236,250	-	-	-	\$280,950	\$403,745	BEYOND25
249	Manasquan River Regional Sewerage Authority	<a href="#">S340911-01</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
250	Delanco Sewerage Authority	<a href="#">S340956-03</a>	-	-	\$1,100,000	-	-	-	-	\$1,100,000	\$1,470,000	T 230630
251	South Bound Brook Borough	<a href="#">S340347-01</a>	-	-	-	\$850,000	-	-	-	\$850,000	\$1,191,434	BEYOND25
252	Tuckerton Borough	<a href="#">S340034-05</a>	-	-	\$2,297,800	-	-	-	-	\$2,297,800	\$3,188,640	N/A
254	Delanco Sewerage Authority	<a href="#">S340956-02</a>	-	-	\$1,355,165	-	-	-	-	\$1,355,165	\$1,854,849	BEYOND25
255	Seaside Heights Borough	<a href="#">S340236-01</a>	-	-	\$2,935,700	-	-	-	-	\$2,935,700	\$3,913,060	BEYOND25
256	Avalon Borough	<a href="#">S340864-01</a>	-	\$310,000	\$796,000	-	-	-	-	\$1,106,000	\$1,530,125	BEYOND25
257	Montclair Township	<a href="#">S340837-05</a>	-	-	\$600,000	-	-	-	-	\$600,000	\$775,000	T 230630
258	Orange City	<a href="#">S340859-01</a>	-	-	\$685,000	-	-	-	-	\$685,000	\$964,562	BEYOND25
259	Orange City	<a href="#">S340859-03</a>	-	-	\$2,430,000	-	-	-	-	\$2,430,000	\$3,377,600	T 230630
260	Cranford Township	<a href="#">S340858-06</a>	-	-	\$715,000	-	-	-	-	\$715,000	\$1,005,872	BEYOND25
261	Pleasantville City	<a href="#">S340752-03</a>	-	-	\$2,186,032	-	-	-	-	\$2,186,032	\$3,135,562	BEYOND25
262	Morristown Town	<a href="#">S340376-04</a>	-	-	\$6,600,000	-	-	-	-	\$6,600,000	\$8,621,779	BEYOND25
263	Collingswood Borough	<a href="#">S340291-04</a>	-	-	\$590,367	-	-	-	-	\$590,367	\$800,440	T 230630
264	Matawan Borough	<a href="#">S340967-01</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
265	South Amboy City	<a href="#">S340018-01</a>	-	-	\$168,000	-	-	-	-	\$168,000	\$244,515	BEYOND25
266	Middlesex County Utilities Authority	<a href="#">S340699-20</a>	-	-	\$9,974,000	-	-	-	-	\$9,974,000	\$13,379,680	T 230630
267	Middlesex County Utilities Authority	<a href="#">S340699-16</a>	-	-	\$14,200,000	-	-	-	-	\$14,200,000	\$18,085,560	T 230630
268	Middlesex County Utilities Authority	<a href="#">S340699-07</a>	-	-	\$6,200,000	-	-	-	-	\$6,200,000	\$8,105,182	BEYOND25
268	Middlesex County Utilities Authority	<a href="#">S340699-08</a>	-	-	\$17,300,000	-	-	-	-	\$17,300,000	\$22,180,484	BEYOND25
269	Ocean County Utilities Authority	<a href="#">S340372-55</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
270	Bergen County Utilities Authority	<a href="#">S340386-25</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,900,000	N/A
271	Monmouth County Bayshore Outfall Authority	<a href="#">S340325-04</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$2,600,000	N/A
272	Camden County Municipal Utilities Authority	<a href="#">S340709-02</a>	-	-	\$12,184,000	-	-	-	-	\$12,184,000	\$15,673,755	BEYOND25
273	Camden County Municipal Utilities Authority	<a href="#">S340640-28</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,550,000	N/A
273	Camden County Municipal Utilities Authority	<a href="#">S340640-30</a>	-	-	\$6,000,000	-	-	-	-	\$6,000,000	\$7,375,000	T 220630
274	Bergen County Utilities Authority	<a href="#">S340768-02</a>	-	-	\$12,184,000	-	-	-	-	\$12,184,000	\$15,673,755	BEYOND25
275	Atlantic County Utilities Authority	<a href="#">S340809-29</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	T 220630
275	Rahway Valley Sewerage Authority	<a href="#">S340547-03</a>	-	-	\$4,482,000	-	-	-	-	\$4,482,000	\$5,938,953	BEYOND25
275	Rahway Valley Sewerage Authority	<a href="#">S340547-08</a>	-	-	\$1,250,000	-	-	-	-	\$1,250,000	\$1,713,312	BEYOND25
276	Atlantic County Utilities Authority	<a href="#">S340809-30</a>	-	-	\$7,300,000	-	-	-	-	\$7,300,000	\$10,063,461	T 220630
277	Gloucester County Utilities Authority	<a href="#">S340902-08</a>	\$1,280,000	-	-	-	-	-	-	\$1,280,000	\$1,753,729	BEYOND25
278	Plainfield Area Regional Sewerage Authority	<a href="#">S340949-05</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
278	Two Rivers Water Reclamation Authority	<a href="#">S340117-04</a>	-	-	-	\$350,000	-	-	-	\$350,000	\$500,308	BEYOND25
278	Two Rivers Water Reclamation Authority	<a href="#">S340117-05</a>	-	-	\$21,000,000	-	-	-	-	\$21,000,000	\$26,849,966	BEYOND25
279	Woodbridge Township	<a href="#">S340433-11</a>	-	-	-	\$10,902,802	-	-	-	\$10,902,802	\$13,083,362	T 220630

Cat 1 -Secondary/Sludge/Septage Treatment  
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## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
279	Woodbridge Township	<a href="#">S340433-12</a>	-	-	\$24,099,916	-	-	-	-	\$24,099,916	\$28,919,899	T 230630
280	Hamilton Township	<a href="#">S340898-02</a>	-	-	\$10,010,000	-	-	-	-	\$10,010,000	\$13,012,687	BEYOND25
280	Hamilton Township	<a href="#">S340898-04</a>	-	-	\$5,100,000	-	-	-	-	\$5,100,000	\$6,739,361	BEYOND25
280	Hamilton Township	<a href="#">S340898-05</a>	-	-	\$2,250,000	-	-	-	-	\$2,250,000	\$3,032,199	BEYOND25
282	Lakewood Township Municipal Utilities Authority	<a href="#">S340465-01</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
283	Northwest Bergen County Utilities Authority	<a href="#">S340700-06</a>	-	-	\$6,076,000	-	-	-	-	\$6,076,000	\$7,944,881	BEYOND25
284	Toms River Municipal Utilities Authority	<a href="#">S340145-05</a>	-	-	\$2,575,000	-	-	-	-	\$2,575,000	\$3,100,000	N/A
284	Toms River Municipal Utilities Authority	<a href="#">S340145-07</a>	-	-	\$7,000,000	-	-	-	-	\$7,000,000	\$8,500,000	T 230630
284	Toms River Municipal Utilities Authority	<a href="#">S340145-08</a>	-	-	\$880,000	\$252,000	-	-	-	\$1,132,000	\$1,358,400	N/A
286	Two Rivers Water Reclamation Authority	<a href="#">S340117-03</a>	-	-	\$2,900,000	-	-	-	-	\$2,900,000	\$3,866,213	BEYOND25
287	Clifton City	<a href="#">S340844-01</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
287	Clifton City	<a href="#">S340844-05</a>	-	-	\$2,500,000	-	-	-	-	\$2,500,000	\$3,340,073	BEYOND25
288	Two Rivers Water Reclamation Authority	<a href="#">S340117-09</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,750,000	N/A
289	Two Rivers Water Reclamation Authority	<a href="#">S340117-10</a>	-	-	-	\$60,000,000	-	-	-	\$60,000,000	\$74,707,702	N/A
290	Brick Township Municipal Utilities Authority	<a href="#">S340448-11</a>	-	-	\$3,900,225	-	-	-	-	\$3,900,225	\$5,278,297	N/A
290	Brick Township Municipal Utilities Authority	<a href="#">S340448-12</a>	-	-	\$4,020,000	-	-	-	-	\$4,020,000	\$4,824,000	T 230630
290	Brick Township Municipal Utilities Authority	<a href="#">S340448-13</a>	-	-	\$3,300,000	-	-	-	-	\$3,300,000	\$4,060,000	N/A
291	Northwest Bergen County Utilities Authority	<a href="#">S340700-14</a>	-	-	\$2,340,000	-	-	-	-	\$2,340,000	\$3,089,200	BEYOND25
291	Northwest Bergen County Utilities Authority	<a href="#">S340700-15</a>	-	-	\$3,640,000	-	-	-	-	\$3,640,000	\$4,733,200	N/A
291	Northwest Bergen County Utilities Authority	<a href="#">S340700-18</a>	-	-	-	-	-	-	-	-	\$10,060,000	N/A
291	Northwest Bergen County Utilities Authority	<a href="#">S340700-19</a>	-	-	\$6,622,500	-	-	-	-	\$6,622,500	\$8,132,450	N/A
293	Woodbridge Township	<a href="#">S340433-04</a>	-	-	\$807,000	-	-	-	-	\$807,000	\$1,132,363	BEYOND25
294	Middletown Township Sewer Authority	<a href="#">S340097-05</a>	-	-	\$1,285,000	-	-	-	-	\$1,285,000	\$1,760,462	BEYOND25
295	Western Monmouth Utilities Authority	<a href="#">S340128-08</a>	-	-	\$6,500,000	-	-	-	-	\$6,500,000	\$7,800,000	T 230630
296	Western Monmouth Utilities Authority	<a href="#">S340128-07</a>	-	-	\$1,437,500	-	-	-	-	\$1,437,500	\$2,027,500	BEYOND25
298	Ewing Lawrence Sewer Authority	<a href="#">S340391-06</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
300	Franklin Township Sewerage Authority	<a href="#">S340839-08</a>	-	-	\$2,897,000	-	-	-	-	\$2,897,000	\$3,954,040	N/A
300	Franklin Township Sewerage Authority	<a href="#">S340839-09</a>	-	-	\$5,500,000	-	-	-	-	\$5,500,000	\$7,100,000	T 220630
300	Franklin Township Sewerage Authority	<a href="#">S340839-10</a>	-	-	\$2,740,000	-	-	-	-	\$2,740,000	\$3,411,200	T 230630
301	Old Bridge Municipal Utilities Authority	<a href="#">S340945-05</a>	-	-	\$1,600,000	-	-	-	-	\$1,600,000	\$2,183,362	BEYOND25
302	Linden Roselle Sewerage Authority	<a href="#">S340299-05</a>	-	-	\$271,000	-	-	-	-	\$271,000	\$389,787	BEYOND25
303	Jackson Township	<a href="#">S340953-04</a>	-	-	-	-	-	\$710,000	-	\$710,000	\$852,000	BEYOND25
303	Jackson Township Municipal Utilities Authority	<a href="#">S340953-02</a>	-	-	\$1,500,000	-	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
304	Union Township	<a href="#">S340293-04</a>	-	-	-	\$710,100	-	-	-	\$710,100	\$999,117	BEYOND25
305	Passaic City	<a href="#">S340845-01</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
306	Parsippany Troy Hills Township	<a href="#">S340886-05</a>	-	-	-	\$9,095,000	-	-	-	\$9,095,000	\$11,733,500	T 230630
307	Franklin Township Sewerage Authority	<a href="#">S340839-04</a>	-	-	-	\$700,000	-	-	-	\$700,000	\$985,189	BEYOND25
307	Franklin Township Sewerage Authority	<a href="#">S340839-05</a>	-	-	\$1,500,000	-	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
308	Wayne Township	<a href="#">S340393-07</a>	-	-	\$1,500,000	-	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
309	South Monmouth Regional Sewer Authority	<a href="#">S340377-04A</a>	-	-	\$5,818,000	-	-	-	-	\$5,818,000	\$6,981,600	N/A
310	East Brunswick Sewerage Authority	<a href="#">S340168-01</a>	-	-	\$1,350,000	-	-	-	-	\$1,350,000	\$1,847,907	BEYOND25
312	Evesham Municipal Utilities Authority	<a href="#">S340838-08</a>	-	-	\$460,000	-	-	-	-	\$460,000	\$642,000	T 230630
313	Egg Harbor Township Municipal Utilities Authority	<a href="#">S340753-03</a>	-	-	\$650,000	-	-	-	-	\$650,000	\$916,350	BEYOND25

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313	Egg Harbor Township Municipal Utilities Authority	<a href="#">S340753-06</a>	-	-	\$436,000	-	-	-	-	\$436,000	\$620,184	T 220630
314	Mount Laurel Township Municipal Utilities Authority	<a href="#">S340943-07</a>	-	-	\$2,612,750	-	-	-	-	\$2,612,750	\$3,135,300	T 220630
315	Berkeley Township Sewer Authority	<a href="#">S340969-14</a>	-	-	\$2,100,000	-	-	-	-	\$2,100,000	\$2,665,000	T 220630
316	North Brunswick Township	<a href="#">S340888-03</a>	-	-	\$1,800,000	-	-	-	-	\$1,800,000	\$2,376,000	T 220630
316	North Brunswick Township	<a href="#">S340888-04</a>	-	-	\$1,900,000	-	-	-	-	\$1,900,000	\$2,508,000	T 230630
317	Berkeley Township	<a href="#">S340969-01</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
318	Winslow Township	<a href="#">S340895-07</a>	-	-	\$460,000	-	-	-	-	\$460,000	\$653,528	BEYOND25
318	Winslow Township	<a href="#">S340895-10</a>	-	-	\$1,046,533	-	-	-	-	\$1,046,533	\$1,517,473	T 220630
319	Hillsborough MUA	<a href="#">S340099-03</a>	-	-	\$9,000,000	-	-	-	-	\$9,000,000	\$10,800,000	T 230630
321	Monroe Municipal Utilities Authority	<a href="#">S340423-05</a>	-	-	\$250,000	-	-	-	-	\$250,000	\$300,000	T 230630
322	Winslow Township	<a href="#">S340895-01</a>	-	-	-	\$1,473,120	-	-	-	\$1,473,120	\$2,013,118	BEYOND25
323	Fort Lee Borough	<a href="#">S340853-01</a>	-	-	\$481,000	-	-	-	-	\$481,000	\$682,636	BEYOND25
324	Garfield City	<a href="#">S340172-01</a>	-	-	\$3,000,000	-	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
325	Ocean Township Sewer Authority	<a href="#">S340750-13</a>	-	-	\$350,000	-	-	-	-	\$350,000	\$507,500	N/A
326	Monroe Municipal Utilities Authority	<a href="#">S340423-03</a>	-	-	\$1,649,332	-	-	-	-	\$1,649,332	\$2,249,480	BEYOND25
327	Ocean Township Sewer Authority	<a href="#">S340750-10</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
328	Bergenfield Borough	<a href="#">S340378-02</a>	-	-	\$1,925,000	-	-	-	-	\$1,925,000	\$2,618,381	BEYOND25
329	Bridgeton City	<a href="#">S340829-01</a>	-	-	\$993,053	-	-	-	-	\$993,053	\$1,387,415	BEYOND25
329	Bridgeton City	<a href="#">S340829-02</a>	-	-	\$993,053	-	-	-	-	\$993,053	\$1,387,415	BEYOND25
329	Bridgeton City	<a href="#">S340829-03</a>	-	-	\$318,500	-	-	-	-	\$318,500	\$456,326	BEYOND25
330	Bergen County Utilities Authority	<a href="#">S340769-02</a>	-	-	\$1,150,000	-	-	-	-	\$1,150,000	\$1,584,586	BEYOND25
331	Ridgewood Village	<a href="#">S340639-07</a>	\$2,189,000	-	\$2,375,000	-	-	-	-	\$4,564,000	\$6,046,088	BEYOND25
333	Lodi Borough	<a href="#">S340317-02</a>	-	-	\$1,300,000	-	-	-	-	\$1,300,000	\$1,780,655	BEYOND25
334	Madison (MCJM) Borough	<a href="#">S340715-03</a>	-	-	\$553,000	-	-	-	-	\$553,000	\$782,388	BEYOND25
335	Scotch Plains Township	<a href="#">S340512-01</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,576,000	N/A
336	Carteret Borough	<a href="#">S340939-06</a>	-	-	\$4,600,000	-	-	-	-	\$4,600,000	\$6,093,106	BEYOND25
336	Carteret Borough	<a href="#">S340939-10</a>	-	-	\$4,000,000	-	-	-	-	\$4,000,000	\$4,800,000	N/A
337	Burlington Township	<a href="#">S340712-17</a>	-	-	\$800,000	-	-	-	-	\$800,000	\$960,000	T 220630
338	Raritan Township Municipal Utilities Authority	<a href="#">S340485-07</a>	-	-	\$1,650,000	-	-	-	-	\$1,650,000	\$2,250,375	BEYOND25
338	Raritan Township Municipal Utilities Authority	<a href="#">S340485-11</a>	-	-	\$350,000	-	-	-	-	\$350,000	\$500,308	BEYOND25
339	South Brunswick Township	<a href="#">S340866-01</a>	-	-	\$260,000	-	-	-	-	\$260,000	\$374,327	BEYOND25
340	Medford Township	<a href="#">S340346-06</a>	-	-	\$2,420,000	-	-	-	-	\$2,420,000	\$3,242,185	BEYOND25
341	South Plainfield Borough	<a href="#">S340408-01</a>	-	-	-	-	-	\$320,000	-	\$320,000	\$458,425	BEYOND25
342	Deptford Township Municipal Utilities Authority	<a href="#">S340066-03</a>	-	-	\$670,766	-	-	-	-	\$670,766	\$899,519	T 230630
342	Deptford Township Municipal Utilities Authority	<a href="#">S340066-04</a>	-	-	\$472,506	-	-	-	-	\$472,506	\$647,407	T 230630
343	Hillside (JMEUC) Township	<a href="#">S340686-10</a>	-	-	\$778,440	-	-	-	-	\$778,440	\$1,266,866	T 230630
344	Edgewater Borough	<a href="#">S340443-05</a>	-	-	\$2,301,000	-	-	-	-	\$2,301,000	\$3,095,477	BEYOND25
345	Hazlet Township	<a href="#">S340968-01</a>	-	-	\$650,000	-	-	-	-	\$650,000	\$916,350	BEYOND25
345	Hillside Township	<a href="#">S340906-03</a>	-	-	\$791,000	-	-	-	-	\$791,000	\$1,110,388	BEYOND25
346	Roselle Borough	<a href="#">S340332-02</a>	-	-	\$2,600,000	-	-	-	-	\$2,600,000	\$3,471,822	T 230630
347	Hamilton Township Municipal Utilities Authority	<a href="#">S340903-06</a>	-	-	\$1,935,712	-	-	-	-	\$1,935,712	\$2,322,854	T 230630
348	Carteret Borough	<a href="#">S340939-01</a>	-	-	\$5,500,000	-	-	-	-	\$5,500,000	\$7,234,505	BEYOND25
349	Burlington Township	<a href="#">S340712-13</a>	-	-	\$450,000	-	-	-	-	\$450,000	\$639,645	BEYOND25

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350	West Deptford Township	<a href="#">S340947-04</a>	-	-	\$1,698,730	-	-	-	-	\$1,698,730	\$2,315,615	BEYOND25
351	North Arlington-Lyndhurst Joint Meeting	<a href="#">S340426-07</a>	-	-	\$1,500,000	-	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
352	Maple Shade Township	<a href="#">S340710-04</a>	-	-	\$1,256,295	-	-	-	-	\$1,256,295	\$1,721,795	BEYOND25
353	Moorestown Township	<a href="#">S340912-02</a>	-	-	\$611,000	-	-	-	-	\$611,000	\$862,491	BEYOND25
354	Elmwood Park Borough	<a href="#">S340863-01</a>	-	-	\$700,000	-	-	-	-	\$700,000	\$985,189	BEYOND25
355	Rutherford Borough	<a href="#">S340192-01</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
356	Dumont Borough	<a href="#">S340922-01</a>	-	-	\$2,717,000	-	-	-	-	\$2,717,000	\$3,625,787	BEYOND25
357	Hopewell Township	<a href="#">S340282-03</a>	-	-	\$1,200,000	-	-	-	-	\$1,200,000	\$1,640,000	N/A
358	Stony Brook Regional Sewer Authority	<a href="#">S340400-03</a>	-	-	\$393,000	-	-	-	-	\$393,000	\$560,281	BEYOND25
359	Palisades Park Borough	<a href="#">S340313-01</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
360	Princeton	<a href="#">S340656-11</a>	-	-	\$3,271,398	-	-	-	-	\$3,271,398	\$3,925,678	T 220630
360	Princeton	<a href="#">S340656-12</a>	-	-	\$1,559,668	-	-	-	-	\$1,559,668	\$1,871,602	T 220630
361	Readington Township	<a href="#">S340577-07</a>	-	-	\$155,000	-	-	-	-	\$155,000	\$226,059	BEYOND25
362	Holmdel Township	<a href="#">S340919-03</a>	-	-	-	-	-	\$218,875	-	\$218,875	\$316,480	BEYOND25
363	Warren County	<a href="#">S340580-04</a>	-	-	\$1,809,000	-	-	-	-	\$1,809,000	\$2,463,225	BEYOND25
364	Warren Township Sewerage Authority	<a href="#">S340964-05</a>	-	-	-	-	-	-	-	-	\$10,800,000	N/A
365	Bernards Township Sewerage Authority	<a href="#">S340382-03</a>	-	-	\$337,000	-	-	-	-	\$337,000	\$482,182	BEYOND25
366	Mantua Township MUA	<a href="#">S340514-01</a>	-	-	\$940,326	-	-	-	-	\$940,326	\$1,363,473	T 230630
366	Mantua Township MUA	<a href="#">S340514-03</a>	-	-	\$532,738	-	-	-	-	\$532,738	\$772,471	T 230630
367	Dover Town	<a href="#">S340889-01</a>	-	-	\$664,000	-	-	-	-	\$664,000	\$935,648	BEYOND25
368	Verona Township	<a href="#">S340533-04</a>	-	-	\$1,054,000	-	-	-	-	\$1,054,000	\$1,465,130	T 230630
369	Springfield Township	<a href="#">S340855-01</a>	-	-	\$1,054,000	-	-	-	-	\$1,054,000	\$1,465,130	BEYOND25
370	Middlesex Borough	<a href="#">S340698-02</a>	-	-	\$1,976,125	-	-	-	-	\$1,976,125	\$2,568,750	N/A
370	Middlesex Borough	<a href="#">S340698-03</a>	-	-	\$604,200	-	-	-	-	\$604,200	\$898,640	T 220630
371	Clinton Town	<a href="#">S340924-06</a>	-	-	\$900,000	-	-	-	-	\$900,000	\$1,259,960	BEYOND25
372	Roselle Park Borough	<a href="#">S340234-01</a>	-	-	\$113,000	-	-	-	-	\$113,000	\$166,190	BEYOND25
373	Highland Park Borough	<a href="#">S340938-01</a>	-	-	\$3,242,000	-	-	-	-	\$3,242,000	\$4,315,232	BEYOND25
374	Cedar Grove Township	<a href="#">S340717-05</a>	-	-	\$260,000	-	-	-	-	\$260,000	\$374,327	BEYOND25
375	Parsippany Troy Hills Township	<a href="#">S340766-02</a>	-	-	\$35,000	-	-	-	-	\$35,000	\$51,639	BEYOND25
376	Pennsville Sewerage Authority	<a href="#">S340870-04</a>	-	-	\$671,000	-	-	-	-	\$671,000	\$1,534,200	N/A
377	Red Bank Borough	<a href="#">S340528-01</a>	-	-	\$1,027,094	-	-	-	-	\$1,027,094	\$1,354,512	N/A
378	Roxbury Township	<a href="#">S340381-05</a>	-	-	\$962,000	-	-	-	-	\$962,000	\$1,344,941	BEYOND25
379	Hasbrouck Heights Borough	<a href="#">S340329-01</a>	-	-	\$11,000,000	-	-	-	-	\$11,000,000	\$14,226,449	BEYOND25
380	Haddonfield Borough	<a href="#">S340220-01</a>	-	-	\$1,493,804	\$355,768	-	-	-	\$1,849,572	\$2,517,530	BEYOND25
382	Florham Park Borough	<a href="#">S340703-05</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
383	Westwood Borough	<a href="#">S340862-01</a>	-	-	\$690,190	-	-	-	-	\$690,190	\$971,700	BEYOND25
384	Little Falls Township	<a href="#">S340716-04</a>	-	-	\$1,600,000	-	-	-	-	\$1,600,000	\$2,183,362	BEYOND25
385	River Edge Borough	<a href="#">S340841-01</a>	-	-	\$320,000	-	-	-	-	\$320,000	\$458,425	BEYOND25
386	Wanaque Valley Regional Sewer Authority	<a href="#">S340780-02</a>	-	-	\$1,136,000	-	-	-	-	\$1,136,000	\$1,567,310	BEYOND25
387	Sayreville Borough	<a href="#">S340326-04</a>	-	-	\$168,000	-	-	-	-	\$168,000	\$244,515	BEYOND25
387	South Monmouth Regional Sewer Authority	<a href="#">S340377-06</a>	-	-	\$1,345,850	-	-	-	-	\$1,345,850	\$1,615,020	T 230630
388	Fairview Borough	<a href="#">S340517-01</a>	-	-	\$1,100,000	-	-	-	-	\$1,100,000	\$1,522,661	BEYOND25
390	Keansburg Borough	<a href="#">S340118-04</a>	-	-	\$3,500,000	-	-	-	-	\$3,500,000	\$4,653,327	BEYOND25

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

Cat 2 -Advanced Treatment  
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Cat 3-Sewer System Rehabilitation  
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Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
390	Keansburg Borough	<a href="#">S340118-05</a>	-	-	\$5,000,000	-	-	-	-	\$5,000,000	\$6,614,815	BEYOND25
391	Little Ferry Borough	<a href="#">S340425-01</a>	-	-	\$3,700,000	-	-	-	-	\$3,700,000	\$4,915,537	BEYOND25
392	Brigantine City	<a href="#">S340827-04</a>	-	-	\$2,235,700	-	-	-	-	\$2,235,700	\$3,014,413	T 230630
393	Audubon Borough	<a href="#">S340309-01</a>	-	-	\$779,772	-	-	-	-	\$779,772	\$1,094,976	BEYOND25
394	Harrison Township	<a href="#">S340362-04</a>	-	-	\$790,000	\$714,000	-	-	-	\$1,504,000	\$2,054,490	BEYOND25
395	Long Hill Township	<a href="#">S340404-09</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
396	Northfield City	<a href="#">S340508-01</a>	-	-	\$225,000	-	-	-	-	\$225,000	\$270,000	BEYOND25
396	Northfield City	<a href="#">S340508-03</a>	-	-	\$150,000	-	-	-	-	\$150,000	\$180,000	T 230630
398	Runnemede Borough	<a href="#">S340363-06</a>	-	-	\$1,125,000	-	-	-	-	\$1,125,000	\$1,553,702	T 230630
399	North Haledon Borough	<a href="#">S340229-02</a>	-	-	-	-	-	-	-	-	\$100,000	N/A
401	Carneys Point Sewerage Authority	<a href="#">S340502-08</a>	-	-	\$777,669	-	-	-	-	\$777,669	\$1,057,203	T 230630
402	Bogota Borough	<a href="#">S340914-01</a>	-	-	\$1,500,000	-	-	\$800,000	-	\$2,300,000	\$3,094,238	BEYOND25
403	North Haledon Borough	<a href="#">S340229-01</a>	-	-	\$726,000	-	-	-	-	\$726,000	\$1,021,028	T 230630
404	Carneys Point Township	<a href="#">S340502-07</a>	-	-	\$425,000	-	-	-	-	\$425,000	\$604,874	BEYOND25
405	Montvale Borough	<a href="#">S340846-01</a>	-	-	\$71,000	-	-	-	-	\$71,000	\$104,753	BEYOND25
406	Glen Ridge Borough	<a href="#">S340861-03</a>	-	-	-	-	-	\$371,541	-	\$371,541	\$445,849	T 230630
407	Haddon Heights Borough	<a href="#">S340877-01</a>	-	-	\$976,000	-	-	-	-	\$976,000	\$1,364,098	BEYOND25
407	Haddon Heights Borough	<a href="#">S340877-02</a>	-	-	-	-	-	-	-	-	\$100,000	N/A
407	Haddon Heights Borough	<a href="#">S340877-03</a>	-	-	\$722,400	-	-	-	-	\$722,400	\$953,580	T 230630
407	Haddon Heights Borough	<a href="#">S340877-04</a>	-	-	\$1,579,010	-	-	-	-	\$1,579,010	\$2,052,912	T 230630
407	Haddon Heights Borough	<a href="#">S340877-05</a>	-	-	\$3,826,445	-	-	-	-	\$3,826,445	\$4,974,434	T 230630
408	Emerson Borough	<a href="#">S340497-01</a>	-	-	-	-	-	-	-	-	\$100,000	N/A
408	Emerson Borough	<a href="#">S340497-02</a>	-	-	\$241,000	-	-	-	-	\$241,000	\$370,120	T 230630
409	Barrington Borough	<a href="#">S340305-02</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,396,910	BEYOND25
410	Bernardsville Borough	<a href="#">S340816-03</a>	-	-	-	-	-	-	-	-	\$1,135,113	BEYOND25
411	Dunellen Borough	<a href="#">S340916-01</a>	-	-	\$5,500,000	-	-	-	-	\$5,500,000	\$7,234,505	BEYOND25
412	Jamesburg Borough	<a href="#">S340224-01</a>	-	-	\$796,000	-	-	-	-	\$796,000	\$1,117,248	BEYOND25
413	Union Beach Borough	<a href="#">S340278-01</a>	-	-	\$1,700,000	-	-	-	-	\$1,700,000	\$2,317,315	BEYOND25
414	Prospect Park Borough	<a href="#">S340186-01</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$708,917	BEYOND25
415	Lopatcong Township	<a href="#">S340264-02</a>	-	-	\$2,500,000	-	-	-	-	\$2,500,000	\$3,340,073	BEYOND25
416	North Arlington-Lyndhurst Joint Meeting	<a href="#">S340426-05</a>	-	-	\$3,527,000	-	-	-	-	\$3,527,000	\$4,688,749	BEYOND25
416	North Arlington-Lyndhurst Joint Meeting	<a href="#">S340426-06</a>	-	-	\$150,000	-	-	-	-	\$150,000	\$218,940	BEYOND25
417	Rochelle Park Township	<a href="#">S340310-01</a>	-	-	\$1,653,920	-	-	-	-	\$1,653,920	\$2,255,626	BEYOND25
418	Rochelle Park Township	<a href="#">S340310-02</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,450,000	T 230630
419	Somerdale Borough	<a href="#">S340338-04</a>	-	-	\$310,000	-	-	-	-	\$310,000	\$444,422	BEYOND25
420	Spring Lake Heights Borough	<a href="#">S340840-01</a>	-	-	\$111,000	-	-	-	-	\$111,000	\$163,328	BEYOND25
421	Morris Plains Borough	<a href="#">S340330-01</a>	-	-	\$335,000	-	-	-	-	\$335,000	\$479,390	BEYOND25
422	Neptune City Borough	<a href="#">S340106-02</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
423	Highlands Borough	<a href="#">S340901-01</a>	-	-	\$622,000	-	-	-	-	\$622,000	\$877,696	BEYOND25
424	Franklin Borough	<a href="#">S340129-01</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
425	Mount Arlington Borough	<a href="#">S340451-05</a>	-	-	-	-	-	-	-	-	\$212,785	N/A
426	Highlands Borough	<a href="#">S340901-02</a>	-	-	\$100,000	-	-	-	-	\$100,000	\$147,540	BEYOND25
426	Highlands Borough	<a href="#">S340901-05</a>	-	-	\$3,427,500	-	-	-	-	\$3,427,500	\$5,411,863	T 230630

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427	Penns Grove Borough	<a href="#">S340502-05</a>	-	-	\$800,000	-	-	-	-	\$800,000	\$1,122,734	BEYOND25
428	Roseland Borough	<a href="#">S340361-01</a>	-	-	\$83,850	-	-	-	-	\$83,850	\$123,712	BEYOND25
429	Harrison Township	<a href="#">S340362-01</a>	\$450,000	-	\$1,875,000	-	-	-	-	\$2,325,000	\$3,125,171	BEYOND25
430	Buena Borough Municipal Utilities Authority	<a href="#">S340518-06</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,298,000	N/A
431	Sayreville Borough	<a href="#">S340326-07</a>	-	-	-	\$5,350,000	-	-	-	\$5,350,000	\$7,049,396	BEYOND25
433	Flemington Borough	<a href="#">S340440-04</a>	-	-	\$1,200,000	-	-	-	-	\$1,200,000	\$1,645,877	BEYOND25
434	Medford Lakes Borough	<a href="#">S340319-01</a>	-	-	\$200,000	-	-	-	-	\$200,000	\$289,789	BEYOND25
435	Medford Lakes Borough	<a href="#">S340319-03</a>	-	-	\$7,940,000	-	-	-	-	\$7,940,000	\$10,610,800	N/A
436	Delaware Township Municipal Utilities Authority	<a href="#">S340917-02</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
437	Mendham Borough	<a href="#">S340159-03</a>	-	-	\$2,396,300	-	-	-	-	\$2,396,300	\$3,154,960	N/A
438	Lambertville Municipal Utilities Authority	<a href="#">S340882-08</a>	-	-	\$7,860,000	-	-	-	-	\$7,860,000	\$11,620,000	BEYOND25
438	Lambertville Municipal Utilities Authority	<a href="#">S340882-10</a>	-	-	\$475,000	-	-	-	-	\$475,000	\$621,500	N/A
439	Merchantville Borough	<a href="#">S340367-03</a>	-	-	\$570,000	-	-	-	-	\$570,000	\$805,887	BEYOND25
440	High Bridge Borough	<a href="#">S340842-01</a>	-	-	\$160,000	-	-	-	-	\$160,000	\$233,167	BEYOND25
441	Stanhope Borough	<a href="#">S340504-02</a>	-	-	\$175,000	-	-	-	-	\$175,000	\$254,421	BEYOND25
442	Pohatcong Township	<a href="#">S340109-01</a>	-	-	\$498,215	-	-	-	-	\$498,215	\$706,449	BEYOND25
443	Hamburg Borough	<a href="#">S340149-03</a>	-	-	-	-	-	-	-	-	\$85,000	N/A
443	Hamburg Borough	<a href="#">S340149-04</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$360,000	T 230630
444	Long Beach Township	<a href="#">S340023-07</a>	-	-	\$3,300,000	-	-	-	-	\$3,300,000	\$4,486,000	N/A
444	Long Beach Township	<a href="#">S340023-08</a>	-	-	\$100,000	-	-	-	-	\$100,000	\$120,001	T 230630
444	Long Beach Township	<a href="#">S340023-09</a>	-	-	\$5,203,005	-	-	-	-	\$5,203,005	\$6,443,606	T 220630
445	Woodbury Heights Borough	<a href="#">S340257-02</a>	-	-	\$1,345,000	-	-	-	-	\$1,345,000	\$1,841,186	BEYOND25
446	Sea Isle City	<a href="#">S340659-01</a>	-	-	\$470,000	-	-	-	-	\$470,000	\$667,397	BEYOND25
447	Moonachie Borough	<a href="#">S340970-02</a>	-	\$160,000	\$70,000	-	-	-	-	\$230,000	\$332,158	BEYOND25
448	Woodlynne Borough	<a href="#">S340849-01</a>	-	-	\$3,203,000	-	-	-	-	\$3,203,000	\$4,264,056	BEYOND25
449	Alpha Borough	<a href="#">S340324-01</a>	-	-	\$450,000	-	-	-	-	\$450,000	\$639,645	BEYOND25
450	Avon By The Sea Borough	<a href="#">S340335-01</a>	-	-	\$2,782,050	-	-	\$200,000	-	\$2,982,050	\$3,973,856	BEYOND25
451	Lavallette Borough	<a href="#">S340966-03</a>	-	-	\$1,856,130	-	-	-	-	\$1,856,130	\$2,526,304	BEYOND25
452	Lavallette Borough	<a href="#">S340966-02</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
453	Borough of Wenonah	<a href="#">S340531-01</a>	-	-	\$1,000,000	-	-	-	-	\$1,000,000	\$1,330,000	N/A
454	Weymouth Township Municipal Utilities Authority	<a href="#">S340713-02</a>	-	-	\$400,000	-	-	-	-	\$400,000	\$570,013	BEYOND25
455	Sussex Borough	<a href="#">S340155-02</a>	-	-	\$360,000	-	-	-	-	\$360,000	\$522,000	BEYOND25
456	Peapack Gladstone Borough	<a href="#">S340822-01</a>	-	-	\$85,000	-	-	-	-	\$85,000	\$125,409	BEYOND25
457	Wyckoff Township	<a href="#">S340738-03</a>	-	-	-	\$11,220,000	-	-	-	\$11,220,000	\$14,494,384	BEYOND25
458	Allentown Borough	<a href="#">S340567-04</a>	\$175,000	-	\$225,000	-	-	-	-	\$400,000	\$570,013	BEYOND25
459	Deal Borough	<a href="#">S340412-08</a>	-	-	\$900,000	-	-	-	-	\$900,000	\$1,259,960	BEYOND25
460	Island Heights Borough	<a href="#">S340176-01</a>	-	-	\$272,900	-	-	-	-	\$272,900	\$392,454	BEYOND25
460	Island Heights Borough	<a href="#">S340176-02</a>	-	-	\$69,370	-	-	-	-	\$69,370	\$102,348	BEYOND25
461	Seaside Park Borough	<a href="#">S340083-04</a>	-	-	\$3,300,000	-	-	-	-	\$3,300,000	\$3,960,000	N/A
462	Bay Head Borough	<a href="#">S340590-02</a>	-	-	\$1,635,000	-	-	-	-	\$1,635,000	\$2,230,279	BEYOND25
463	Ship Bottom Borough	<a href="#">S340311-05</a>	-	-	\$3,694,488	-	-	-	-	\$3,694,488	\$4,558,386	T 220630
464	Lebanon Borough Sewer Authority	<a href="#">S340509-02</a>	-	-	\$141,650	-	-	-	-	\$141,650	\$207,090	BEYOND25
465	Mansfield Township	<a href="#">S340935-02</a>	-	-	\$100,000	-	-	-	-	\$100,000	\$147,540	BEYOND25

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466	Roosevelt Borough	<a href="#">S340761-02</a>	-	-	\$1,100,000	-	-	-	-	\$1,100,000	\$1,522,661	BEYOND25
467	Fieldsboro Borough	<a href="#">S340522-01</a>	-	-	-	-	-	-	-	-	\$110,150	T 220630
468	Willingboro Municipal Utilities Authority	<a href="#">S340132-10</a>	-	-	-	-	-	-	-	-	-	N/A
469	Passaic Valley Sewerage Commission	<a href="#">S340689-45</a>	-	-	-	-	-	-	-	-	\$1,324,808	N/A
469	Passaic Valley Sewerage Commission	<a href="#">S340689-46</a>	-	-	-	-	-	-	-	-	\$1,936,731	T 220630
470	Passaic Valley Sewerage Commission	<a href="#">S340689-54</a>	\$11,531,700	-	-	-	-	-	-	\$11,531,700	\$15,523,844	T 220630
471	Passaic Valley Sewerage Commission	<a href="#">S340683-05</a>	\$100,000,000	-	-	-	-	-	-	\$100,000,000	\$132,505,940	BEYOND25
471	Passaic Valley Sewerage Commission	<a href="#">S340689-06</a>	\$50,000,000	-	-	-	-	-	-	\$50,000,000	\$63,223,700	BEYOND25
471	Passaic Valley Sewerage Commission	<a href="#">S340689-27</a>	\$11,400,000	-	-	-	-	-	-	\$11,400,000	\$14,713,119	BEYOND25
472	Gloucester County Utilities Authority	<a href="#">S340902-17</a>	\$8,527,000	-	-	-	-	-	-	\$8,527,000	\$9,784,160	T 230630
473	Camden City	<a href="#">S340366-02</a>	\$470,000	-	-	-	-	-	-	\$470,000	\$667,397	BEYOND25
474	Asbury Park City	<a href="#">S340883-01</a>	\$527,000	-	-	-	-	-	-	\$527,000	\$746,386	BEYOND25
475	Newark City	<a href="#">S340815-18</a>	-	-	-	-	-	\$1,200,000	-	\$1,200,000	\$1,645,877	BEYOND25
476	Long Branch Sewerage Authority	<a href="#">S340820-03</a>	\$2,824,000	-	-	-	-	-	-	\$2,824,000	\$3,766,422	BEYOND25
477	Millville City	<a href="#">S340921-08</a>	\$5,700,000	-	-	-	-	-	-	\$5,700,000	\$6,840,000	T 230630
478	Gloucester County Utilities Authority	<a href="#">S340902-13</a>	\$10,800,000	-	-	-	-	-	-	\$10,800,000	\$13,982,306	BEYOND25
479	Hammononton Town	<a href="#">S340927-10</a>	-	-	\$600,000	-	-	-	-	\$600,000	\$790,000	T 230630
480	Berkeley Heights Township	<a href="#">S340385-07</a>	\$267,500	-	-	-	-	-	-	\$267,500	\$405,000	T 230630
481	Bergen County Utilities Authority	<a href="#">S340687-05</a>	\$29,802,000	-	-	-	-	-	-	\$29,802,000	\$37,834,533	BEYOND25
482	JMEUC	<a href="#">S340686-03</a>	\$15,000,000	-	-	-	-	-	-	\$15,000,000	\$19,257,315	BEYOND25
483	Burlington County	<a href="#">S340818-04</a>	\$6,000,000	-	-	-	-	-	-	\$6,000,000	\$7,846,596	BEYOND25
484	Ocean County Utilities Authority	<a href="#">S340372-65</a>	\$3,033,030	-	-	-	-	-	-	\$3,033,030	\$4,133,330	T 230630
486	Hudson County Improvement Authority	<a href="#">S340399-15</a>	\$15,603,000	-	-	-	-	-	-	\$15,603,000	\$20,024,455	BEYOND25
487	Hudson County Improvement Authority	<a href="#">S340900-01</a>	-	-	-	\$21,091,000	-	-	-	\$21,091,000	\$26,962,839	BEYOND25
488	Atlantic County Utilities Authority	<a href="#">S340405-04</a>	\$15,275,000	-	-	-	-	-	-	\$15,275,000	\$19,607,239	BEYOND25
490	Cape May County Municipal Utilities Authority	<a href="#">S340661-06</a>	\$9,457,000	-	-	-	-	-	-	\$9,457,000	\$12,302,395	BEYOND25
490	Cape May County Municipal Utilities Authority	<a href="#">S340661-09</a>	\$267,000	-	-	-	-	-	-	\$267,000	\$384,168	BEYOND25
491	Western Monmouth Utilities Authority	<a href="#">S340128-09</a>	-	\$16,800,000	-	-	-	-	-	\$16,800,000	\$20,481,275	T 230630
492	Neptune Township Sewerage Authority	<a href="#">S340410-09</a>	\$10,000,000	-	-	-	-	-	-	\$10,000,000	\$13,000,360	BEYOND25
493	Mount Holly Municipal Utilities Authority	<a href="#">S340819-02</a>	\$3,920,000	-	-	-	-	-	-	\$3,920,000	\$5,203,507	BEYOND25
494	Milford Borough	<a href="#">S340805-02</a>	\$2,604,000	-	\$456,000	-	-	-	-	\$3,060,000	\$4,076,260	BEYOND25
495	North Wildwood City	<a href="#">S340663-08</a>	-	-	-	-	-	\$16,969,000	-	\$16,969,000	\$21,916,520	BEYOND25
496	Milltown Borough	<a href="#">S340102-05</a>	-	-	-	-	-	\$10,300,000	-	\$10,300,000	\$13,726,000	T 230630
497	Jersey City Redevelopment Agency	<a href="#">S340119-01</a>	-	-	-	-	-	\$2,224,760	-	\$2,224,760	\$3,000,793	BEYOND25
498	West Milford Township	<a href="#">S340701-10</a>	-	-	-	-	-	-	\$200,000	\$200,000	\$289,789	BEYOND25
499	Manasquan Borough	<a href="#">S340450-02</a>	-	-	-	-	-	\$3,315,000	-	\$3,315,000	\$4,505,800	T 230630
500	Alloway Township	<a href="#">S340965-01</a>	-	-	-	\$7,640,000	-	-	-	\$7,640,000	\$9,963,124	BEYOND25
501	Stafford Township	<a href="#">S340946-02</a>	-	-	-	\$6,100,000	-	-	-	\$6,100,000	\$7,975,913	BEYOND25
502	Bridgewater Township	<a href="#">S340638-03</a>	-	-	\$52,000	\$1,615,000	-	-	-	\$1,667,000	\$2,273,143	BEYOND25
503	West Wildwood Borough	<a href="#">S340626-04</a>	-	-	-	\$37,400	-	-	-	\$37,400	\$55,180	BEYOND25
504	Raritan Borough	<a href="#">S340781-03</a>	-	-	-	\$387,000	-	-	-	\$387,000	\$551,932	BEYOND25
505	Hammononton Town	<a href="#">S340927-03</a>	-	-	-	\$3,752,000	-	-	-	\$3,752,000	\$4,983,647	BEYOND25
507	Woodbine Borough	<a href="#">S340370-02</a>	-	-	-	\$5,160,000	-	-	-	\$5,160,000	\$6,542,000	T 230630

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## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
508	Middlesex County Utilities Authority	<a href="#">S340699-11</a>	\$17,250,000	-	-	-	-	-	-	\$17,250,000	\$22,117,020	BEYOND25
509	Atlantic County Utilities Authority	<a href="#">S340809-14</a>	-	\$3,520,000	-	-	-	-	-	\$3,520,000	\$4,679,566	BEYOND25
510	Atlantic County Utilities Authority	<a href="#">S340809-11</a>	-	\$5,800,000	-	-	-	-	-	\$5,800,000	\$7,602,671	BEYOND25
511	Cape May County Municipal Utilities Authority	<a href="#">S340661-07</a>	\$1,691,303	-	-	-	-	-	-	\$1,691,303	\$2,305,676	BEYOND25
512	Old Bridge Municipal Utilities Authority	<a href="#">S340945-04</a>	-	-	-	\$25,990,000	-	-	-	\$25,990,000	\$33,032,119	BEYOND25
513	Wayne Township	<a href="#">S340929-01</a>	-	-	-	\$1,360,000	-	-	-	\$1,360,000	\$1,861,346	BEYOND25
514	New Brunswick City	<a href="#">S340437-03</a>	-	-	\$675,000	-	-	-	-	\$675,000	\$950,799	BEYOND25
515	Galloway Township	<a href="#">S340892-02</a>	-	-	-	\$4,300,000	-	-	-	\$4,300,000	\$5,700,971	BEYOND25
516	Winslow Township	<a href="#">S340895-02</a>	-	-	-	\$2,003,045	-	-	-	\$2,003,045	\$2,722,374	BEYOND25
517	Voorhees Township	<a href="#">S340875-01</a>	-	-	-	\$4,246,200	-	-	-	\$4,246,200	\$5,630,570	BEYOND25
518	Freehold Township	<a href="#">S340304-01</a>	-	-	-	\$3,678,000	-	-	-	\$3,678,000	\$4,886,714	BEYOND25
519	Gloucester County Utilities Authority	<a href="#">S340526-03</a>	\$1,310,000	\$562,000	-	\$281,000	-	-	-	\$2,153,000	\$2,911,180	BEYOND25
520	Raritan Township Municipal Utilities Authority	<a href="#">S340485-04</a>	\$6,570,000	-	-	-	-	-	-	\$6,570,000	\$8,583,061	BEYOND25
521	South Brunswick Township	<a href="#">S340897-01</a>	-	-	-	\$896,000	-	-	-	\$896,000	\$1,254,485	BEYOND25
522	Rockaway Township	<a href="#">S340478-05</a>	\$5,549,000	-	-	\$8,077,000	-	-	-	\$13,626,000	\$17,510,632	BEYOND25
523	Maple Shade Township	<a href="#">S340710-03</a>	\$347,526	-	-	-	-	-	-	\$347,526	\$496,861	BEYOND25
524	Montville Township	<a href="#">S340931-02</a>	-	-	-	\$12,820,000	-	-	-	\$12,820,000	\$16,484,390	BEYOND25
524	Montville Township	<a href="#">S340931-04</a>	-	-	-	\$2,284,443	-	-	-	\$2,284,443	\$2,767,332	T 220630
525	Manchester Township	<a href="#">S340650-03</a>	-	-	-	\$6,872,000	-	-	-	\$6,872,000	\$8,972,628	BEYOND25
526	North Arlington Borough	<a href="#">S340959-02</a>	-	-	-	\$500,000	-	-	-	\$500,000	\$708,917	BEYOND25
527	Bernards Township Sewerage Authority	<a href="#">S340382-02</a>	-	-	-	\$380,000	-	-	-	\$380,000	\$542,184	BEYOND25
528	Gloucester County Utilities Authority	<a href="#">S340461-04</a>	-	-	-	\$5,481,000	-	-	-	\$5,481,000	\$7,211,095	BEYOND25
529	Oakland Borough	<a href="#">S340418-05</a>	-	-	-	\$32,200,000	-	-	-	\$32,200,000	\$40,854,622	BEYOND25
530	Vernon Township	<a href="#">S340745-02</a>	-	-	-	\$5,050,000	-	-	-	\$5,050,000	\$6,677,126	BEYOND25
531	Wanaque Borough	<a href="#">S340434-02</a>	-	-	-	\$212,000	-	-	-	\$212,000	\$306,771	BEYOND25
532	Mahwah Township	<a href="#">S340592-03</a>	-	-	\$182,000	\$6,862,000	-	-	-	\$7,044,000	\$9,194,418	BEYOND25
533	Wantage Township	<a href="#">S340760-03</a>	-	-	-	\$402,000	-	-	-	\$402,000	\$572,805	BEYOND25
534	Chatham Township	<a href="#">S340403-05</a>	\$500,000	-	-	-	-	-	-	\$500,000	\$708,917	BEYOND25
535	Bloomington Borough	<a href="#">S340634-03</a>	-	-	-	\$2,842,000	-	-	-	\$2,842,000	\$3,790,064	BEYOND25
536	Upper Saddle River Borough	<a href="#">S340909-01</a>	-	-	-	\$991,000	-	-	-	\$991,000	\$1,384,609	BEYOND25
537	Long Hill Township	<a href="#">S340404-05</a>	-	-	-	\$11,221,000	-	-	-	\$11,221,000	\$14,495,600	BEYOND25
538	Manchester Township	<a href="#">S340650-05</a>	-	-	-	\$10,644,000	-	-	-	\$10,644,000	\$13,791,502	BEYOND25
539	Fairfield Township	<a href="#">S340957-01</a>	-	-	-	\$5,582,500	-	-	-	\$5,582,500	\$7,336,023	BEYOND25
540	Carlstadt Sewerage Authority	<a href="#">S340705-03</a>	-	-	-	\$4,026,000	-	-	-	\$4,026,000	\$5,342,181	BEYOND25
541	Mahwah Township	<a href="#">S340737-01</a>	\$158,000	-	-	-	-	-	-	\$158,000	\$230,325	BEYOND25
542	Sussex County Municipal Utilities Authority	<a href="#">S340759-02</a>	\$4,500,000	\$100	-	\$1,000,000	-	-	-	\$5,500,100	\$7,234,628	BEYOND25
543	Wharton Borough	<a href="#">S340489-03</a>	-	-	-	\$421,000	-	-	-	\$421,000	\$599,302	BEYOND25
544	Berlin Township	<a href="#">S340790-02</a>	-	-	-	\$600,000	-	-	-	\$600,000	\$847,274	BEYOND25
545	Frankford Township	<a href="#">S340742-02</a>	-	-	-	\$2,007,000	-	-	-	\$2,007,000	\$2,727,380	BEYOND25
546	Blairstown Township	<a href="#">S340568-02</a>	-	-	-	\$1,092,000	-	-	-	\$1,092,000	\$1,512,694	BEYOND25
547	Riverdale Borough	<a href="#">S340729-01</a>	-	-	-	\$1,273,000	-	-	-	\$1,273,000	\$1,744,301	BEYOND25
548	Mahwah Township	<a href="#">S340592-06</a>	-	-	\$275,000	\$3,896,000	-	-	-	\$4,171,000	\$5,532,128	BEYOND25
549	North Bergen Municipal Utilities Authority	<a href="#">S340652-06</a>	-	-	-	\$3,000,000	-	-	-	\$3,000,000	\$3,997,392	BEYOND25

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550	Oxford Township	<a href="#">S340445-02</a>	-	-	-	\$125,000	-	-	-	\$125,000	\$183,343	BEYOND25
551	Evesham Municipal Utilities Authority	<a href="#">S340838-01</a>	\$2,747,000	-	-	-	-	-	-	\$2,747,000	\$3,665,234	BEYOND25
552	Kinnelon Borough	<a href="#">S340487-02</a>	-	-	-	\$7,641,000	-	-	-	\$7,641,000	\$9,964,412	BEYOND25
553	Hope Township	<a href="#">S340872-01</a>	\$356,000	-	-	-	-	-	-	\$356,000	\$508,696	BEYOND25
554	Pequannock Township	<a href="#">S340480-06</a>	-	-	-	\$7,152,000	-	-	-	\$7,152,000	\$9,333,821	BEYOND25
555	Washington Township	<a href="#">S340930-01</a>	-	-	-	\$2,496,000	-	-	-	\$2,496,000	\$3,335,192	BEYOND25
556	Manchester Township	<a href="#">S340650-06</a>	-	-	-	\$2,500,000	-	-	-	\$2,500,000	\$3,340,073	BEYOND25
557	Upper Township	<a href="#">S340619-03</a>	-	-	-	\$1,707,000	-	-	-	\$1,707,000	\$2,326,681	BEYOND25
558	Pequannock Township	<a href="#">S340480-05</a>	-	-	-	\$4,838,000	-	-	-	\$4,838,000	\$6,403,679	BEYOND25
559	Branchville Borough	<a href="#">S340740-02</a>	-	-	-	\$1,900,000	-	-	-	\$1,900,000	\$2,584,971	BEYOND25
560	Southampton Township	<a href="#">S340961-01</a>	-	-	-	\$1,806,000	-	-	-	\$1,806,000	\$2,459,208	BEYOND25
561	Shamong Township	<a href="#">S340831-01</a>	\$1,988,000	-	-	-	-	-	-	\$1,988,000	\$2,702,506	BEYOND25
562	Millstone Borough	<a href="#">S340271-01</a>	-	-	-	\$2,500,000	-	-	-	\$2,500,000	\$3,340,073	BEYOND25
563	Plainsboro Township	<a href="#">S340836-01</a>	-	-	-	\$1,530,000	-	-	-	\$1,530,000	\$2,089,419	BEYOND25
564	Clayton Borough	<a href="#">S340918-01</a>	-	-	-	\$829,026	-	-	-	\$829,026	\$1,162,637	BEYOND25
565	Pennsville Sewerage Authority	<a href="#">S340870-01</a>	-	-	-	\$1,581,000	-	-	-	\$1,581,000	\$2,157,878	BEYOND25
566	Buena Borough Municipal Utilities Authority	<a href="#">S340833-01</a>	\$509,000	-	-	-	-	-	-	\$509,000	\$721,415	BEYOND25
567	Pequannock Township	<a href="#">S340480-03</a>	-	-	-	\$1,200,000	-	-	-	\$1,200,000	\$1,645,877	BEYOND25
568	Lincoln Park Borough	<a href="#">S340594-02</a>	-	-	-	\$3,189,000	-	-	-	\$3,189,000	\$4,245,681	BEYOND25
569	Woodbridge Township	<a href="#">S340433-08</a>	-	-	-	\$25,000	-	-	-	\$25,000	\$36,885	BEYOND25
570	Elizabeth City	<a href="#">S340942-21</a>	-	-	-	-	-	-	-	-	\$2,820,700	T 230630
571	Hackensack City	<a href="#">S340923-15</a>	-	-	-	-	-	-	-	-	\$1,600,000	T 230630
572	Woolwich Township	<a href="#">S340432-01</a>	-	-	-	\$10,970,600	-	-	-	\$10,970,600	\$15,092,956	BEYOND25
573	Passaic Valley Sewerage Commission	<a href="#">S340689-17</a>	-	-	-	-	-	\$2,268,000	-	\$2,268,000	\$3,054,560	BEYOND25
574	Camden County Municipal Utilities Authority	<a href="#">S340640-26</a>	-	-	-	-	-	-	\$21,500,000	\$21,500,000	\$26,600,000	N/A
575	Camden City	<a href="#">S340366-11</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$2,049,114	BEYOND25
576	Hoboken City	<a href="#">S340635-03</a>	-	-	-	-	-	\$50,000	-	\$50,000	\$73,770	BEYOND25
577	Berkeley Township	<a href="#">S340969-11</a>	-	-	-	-	-	\$275,400	-	\$275,400	\$395,962	BEYOND25
578	Atlantic City	<a href="#">S340439-01</a>	-	-	-	-	-	\$14,664,345	-	\$14,664,345	\$18,830,939	BEYOND25
578	Atlantic City	<a href="#">S340439-02</a>	-	-	-	-	-	\$6,784,000	-	\$6,784,000	\$8,859,157	BEYOND25
578	Atlantic City	<a href="#">S340439-03</a>	-	-	-	-	-	\$1,828,000	-	\$1,828,000	\$2,488,662	BEYOND25
579	Manchester Township	<a href="#">S340650-07</a>	-	-	-	-	-	\$350,000	-	\$350,000	\$500,308	BEYOND25
580	Bernards Township	<a href="#">S340382-04</a>	-	-	-	-	-	\$1,410,000	-	\$1,410,000	\$1,928,489	BEYOND25
581	Secaucus Town	<a href="#">S340029-03</a>	-	-	-	-	\$1,650,000	-	-	\$1,650,000	\$2,250,375	BEYOND25
581	Secaucus Town	<a href="#">S340029-04</a>	-	-	-	-	-	\$1,731,340	-	\$1,731,340	\$2,359,234	BEYOND25
582	Asbury Park City	<a href="#">S340883-07</a>	-	-	-	-	-	\$500,000	-	\$500,000	\$708,917	BEYOND25
583	Richard Stockton College	<a href="#">S340146-01</a>	-	-	-	-	-	\$420,000	-	\$420,000	\$597,909	BEYOND25
583	Richard Stockton College	<a href="#">S340146-02</a>	-	-	-	-	-	\$2,230,000	-	\$2,230,000	\$3,007,318	BEYOND25
583	Richard Stockton College	<a href="#">S340146-03</a>	-	-	-	-	-	\$21,000,000	-	\$21,000,000	\$26,849,966	BEYOND25
584	Belmar Borough	<a href="#">S340209-02</a>	-	-	-	-	-	\$403,000	-	\$403,000	\$574,201	BEYOND25
588	Woodbine Borough	<a href="#">S340370-01</a>	-	\$6,212,500	-	\$3,500,000	-	-	-	\$9,712,500	\$12,630,925	BEYOND25
589	Cranbury Township	<a href="#">S340506-02</a>	-	-	-	\$2,700,000	-	-	-	\$2,700,000	\$3,603,428	BEYOND25
590	Greenwich Township	<a href="#">S340359-02</a>	-	-	-	\$1,700,000	-	-	-	\$1,700,000	\$2,200,000	BEYOND25

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591	Mount Holly Municipal Utilities Authority	<a href="#">S340817-02</a>	\$1,102,000	-	-	-	-	-	-	\$1,102,000	\$1,525,150	BEYOND25
592	Gloucester County Utilities Authority	<a href="#">S340902-01</a>	\$3,723,000	-	-	-	-	-	-	\$3,723,000	\$4,945,666	BEYOND25
593	Somerset Raritan Valley Sewer Authority	<a href="#">S340801-03</a>	\$1,054,000	-	-	-	-	-	-	\$1,054,000	\$1,465,130	BEYOND25
595	Clifton City	<a href="#">S340844-03</a>	-	-	\$3,300,000	-	-	-	-	\$3,300,000	\$4,391,306	BEYOND25
596	Northwest Bergen County Utilities Authority	<a href="#">S340700-11</a>	-	-	-	\$4,850,000	-	-	-	\$4,850,000	\$6,419,326	BEYOND25
597	Salem County	<a href="#">S340804-03</a>	\$5,162,000	-	-	-	-	-	-	\$5,162,000	\$6,816,427	BEYOND25
598	Parsippany Troy Hills Township	<a href="#">S340886-03</a>	\$246,000	-	-	-	-	-	-	\$246,000	\$354,638	BEYOND25
599	Northwest Bergen County Utilities Authority	<a href="#">S340700-05</a>	\$1,683,000	-	-	-	-	-	-	\$1,683,000	\$2,294,564	BEYOND25
600	Mansfield Township	<a href="#">S340935-03</a>	-	-	-	\$8,750,000	-	-	-	\$8,750,000	\$11,392,714	BEYOND25
601	Plainfield Municipal Utilities Authority	<a href="#">S340240-02</a>	-	-	-	\$3,000,000	-	-	-	\$3,000,000	\$3,997,392	BEYOND25
602	Egg Harbor Township Municipal Utilities Authority	<a href="#">S340753-05</a>	-	-	-	\$640,440	-	-	-	\$640,440	\$903,160	BEYOND25
603	Bridgewater Township	<a href="#">S340638-05</a>	-	-	-	-	-	\$557,432	-	\$557,432	\$788,517	BEYOND25
604	Berkeley Township Sewer Authority	<a href="#">S340969-08</a>	-	-	-	\$4,633,812	-	-	-	\$4,633,812	\$6,137,256	BEYOND25
604	Berkeley Township Sewer Authority	<a href="#">S340969-09</a>	-	-	-	\$3,155,818	-	-	-	\$3,155,818	\$4,202,120	BEYOND25
605	Marlboro Township	<a href="#">S340268-02</a>	-	-	-	\$665,000	-	-	-	\$665,000	\$964,250	N/A
606	West Orange Township	<a href="#">S340865-01</a>	-	-	\$8,466,000	\$847,000	-	-	-	\$9,313,000	\$12,117,146	BEYOND25
607	Manasquan River Regional Sewerage Authority	<a href="#">S340911-02</a>	-	-	-	\$3,467,000	-	-	-	\$3,467,000	\$4,610,126	BEYOND25
608	Hopewell Township	<a href="#">S340282-01</a>	-	-	-	\$18,685,618	-	-	-	\$18,685,618	\$23,940,222	BEYOND25
609	Galloway Township	<a href="#">S340892-09</a>	-	-	-	\$675,250	-	-	-	\$675,250	\$951,143	BEYOND25
610	Cherry Hill Township	<a href="#">S340954-01</a>	-	-	\$456,000	\$456,000	-	-	-	\$912,000	\$1,276,427	BEYOND25
611	Pemberton Township Municipal Utilities Authority	<a href="#">S340649-02</a>	\$5,000,000	-	\$3,500,000	\$1,500,000	-	-	-	\$10,000,000	\$13,000,360	BEYOND25
612	Winslow Township	<a href="#">S340895-04</a>	-	-	-	\$1,702,050	-	-	-	\$1,702,050	\$2,320,058	BEYOND25
612	Winslow Township	<a href="#">S340895-05</a>	-	-	-	\$3,600,000	-	-	-	\$3,600,000	\$4,784,482	BEYOND25
613	Deptford Township Municipal Utilities Authority	<a href="#">S340066-01</a>	-	-	-	\$1,223,600	-	-	-	\$1,223,600	\$1,677,717	BEYOND25
614	Stafford Township	<a href="#">S340946-06</a>	-	-	-	-	-	\$1,224,750	-	\$1,224,750	\$1,679,268	BEYOND25
615	Hamilton Township Municipal Utilities Authority	<a href="#">S340903-02</a>	-	-	-	\$2,044,000	-	-	-	\$2,044,000	\$2,774,147	BEYOND25
616	Cliffside Park Borough	<a href="#">S340847-05</a>	-	-	\$2,000,000	-	-	-	-	\$2,000,000	\$2,718,518	BEYOND25
617	Lower Township Municipal Utilities Authority	<a href="#">S340810-05</a>	-	-	-	\$11,347,507	-	-	-	\$11,347,507	\$15,319,133	N/A
618	Carteret Borough	<a href="#">S340939-04</a>	-	-	-	\$1,650,000	-	-	-	\$1,650,000	\$2,250,375	BEYOND25
619	Randolph Township	<a href="#">S340632-07</a>	-	-	\$3,221,000	\$3,550,000	-	-	-	\$6,771,000	\$8,842,391	BEYOND25
620	Edgewater Borough	<a href="#">S340446-06</a>	-	-	-	\$1,617,960	-	-	-	\$1,617,960	\$2,207,442	BEYOND25
622	Montclair State University	<a href="#">S340321-02</a>	-	-	\$1,500,000	\$3,500,000	-	-	-	\$5,000,000	\$6,614,815	BEYOND25
623	West Windsor Township	<a href="#">S340491-02</a>	-	-	-	\$400,000	-	-	-	\$400,000	\$570,013	BEYOND25
624	Glassboro Borough	<a href="#">S340545-04</a>	-	-	-	\$2,977,660	-	-	-	\$2,977,660	\$3,968,099	BEYOND25
625	Franklin Township	<a href="#">S340839-03</a>	-	\$1,200,000	-	-	-	-	-	\$1,200,000	\$1,645,877	BEYOND25
626	Mantua Township MUA	<a href="#">S340514-02</a>	-	-	-	\$1,146,778	-	-	-	\$1,146,778	\$1,662,829	N/A
627	Sparta Township	<a href="#">S340495-04</a>	-	-	-	-	-	-	-	-	\$2,821,542	BEYOND25
628	Hackettstown Municipal Utilities Authority	<a href="#">S340803-03</a>	\$451,000	-	-	-	-	-	-	\$451,000	\$641,034	BEYOND25
629	Holmdel Township	<a href="#">S340919-02</a>	-	-	-	\$32,050,000	-	-	-	\$32,050,000	\$40,665,789	BEYOND25
630	Woodland Park Borough	<a href="#">S340203-01</a>	-	-	-	\$1,500,000	-	-	-	\$1,500,000	\$2,049,114	BEYOND25
630	Woodland Park Borough	<a href="#">S340778-05</a>	-	-	-	\$517,868	-	-	-	\$517,868	\$733,721	BEYOND25
631	Waterford Township Municipal Utilities Authority	<a href="#">S340163-01</a>	-	-	-	\$2,474,705	-	-	-	\$2,474,705	\$3,309,185	BEYOND25
632	Harrison Township	<a href="#">S340362-06</a>	\$16,630,915	-	-	-	-	-	-	\$16,630,915	\$21,330,926	BEYOND25

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

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
633	Runnemede Borough	<a href="#">S340363-07</a>	-	-	-	\$2,535,822	-	-	-	\$2,535,822	\$3,415,752	T 230630
634	Bedminster Township	<a href="#">S340830-01</a>	-	\$35,000,000	-	-	-	-	-	\$35,000,000	\$44,376,955	BEYOND25
635	Newton Town	<a href="#">S340449-04</a>	-	-	-	-	-	-	-	-	\$538,000	T 220630
636	Bernardsville Borough	<a href="#">S340816-04</a>	-	-	\$455,000	-	-	-	-	\$455,000	\$646,588	BEYOND25
637	Cape May City	<a href="#">S340258-01</a>	-	-	-	\$250,000	-	-	-	\$250,000	\$360,245	BEYOND25
638	Hopewell Township	<a href="#">S340282-02</a>	-	-	-	\$2,603,110	-	-	-	\$2,603,110	\$3,475,917	BEYOND25
639	Salem City	<a href="#">S340235-02</a>	-	-	-	-	-	\$1,119,000	-	\$1,119,000	\$1,546,267	BEYOND25
640	Wildwood City	<a href="#">S340664-04</a>	-	-	-	-	-	\$9,500,000	-	\$9,500,000	\$12,357,700	BEYOND25
641	Wildwood City	<a href="#">S340664-02</a>	-	-	-	-	-	\$1,831,000	-	\$1,831,000	\$2,492,677	BEYOND25
642	North Wildwood City	<a href="#">S340663-05</a>	-	-	-	-	-	\$1,314,850	-	\$1,314,850	\$1,800,638	BEYOND25
643	Buena Borough Municipal Utilities Authority	<a href="#">S340518-05</a>	-	-	-	\$3,942,400	-	-	-	\$3,942,400	\$5,232,801	BEYOND25
644	Weymouth Township Municipal Utilities Authority	<a href="#">S340078-01</a>	-	-	\$162,525	-	-	-	-	\$162,525	\$236,752	BEYOND25
645	Greenwich Township	<a href="#">S340359-01</a>	-	\$7,600,000	-	\$1,000,000	-	-	-	\$8,600,000	\$11,199,679	BEYOND25
646	Cumberland County	<a href="#">S340438-01</a>	-	-	\$12,000,000	-	-	-	-	\$12,000,000	\$15,693,192	T 230630
646	Cumberland County	<a href="#">S340438-03</a>	-	-	-	\$12,000,000	-	-	-	\$12,000,000	\$15,875,000	N/A
647	Chester Borough	<a href="#">S340876-02</a>	\$718,000	\$132,000	-	-	-	-	-	\$850,000	\$1,191,434	BEYOND25
648	Commercial Township	<a href="#">S340955-01</a>	\$4,200,000	-	-	\$2,854,000	-	-	-	\$7,054,000	\$9,207,328	BEYOND25
649	Pemberton Township Municipal Utilities Authority	<a href="#">S340649-04</a>	-	-	-	-	-	-	\$880,000	\$880,000	\$1,232,571	BEYOND25
650	Little Egg Harbor Township	<a href="#">S340579-04</a>	-	-	-	-	-	\$1,200,000	-	\$1,200,000	\$1,714,000	T 220630
651	Delran Sewerage Authority	<a href="#">S340794-06</a>	-	-	-	-	-	\$871,000	-	\$871,000	\$1,220,236	BEYOND25
652	Hopatcong Borough	<a href="#">S340488-06</a>	-	-	-	-	-	\$400,000	-	\$400,000	\$570,013	BEYOND25
653	Hammonton Town	<a href="#">S340927-04</a>	-	-	-	-	-	-	-	-	\$43,348	BEYOND25
653	Hammonton Town	<a href="#">S340927-09</a>	-	-	-	-	-	-	-	-	\$219,880	N/A
654	Cinnaminson Township	<a href="#">S340170-05</a>	-	-	-	-	-	\$455,350	-	\$455,350	\$647,074	BEYOND25
656	Palmyra Borough	<a href="#">S340030-02</a>	-	-	-	-	-	\$238,000	-	\$238,000	\$343,408	BEYOND25
657	Hightstown Borough	<a href="#">S340915-07</a>	-	-	-	-	-	\$335,000	-	\$335,000	\$479,390	BEYOND25
658	Wildwood City	<a href="#">S340664-05</a>	-	-	-	-	-	-	-	-	\$15,183,000	BEYOND25
659	Tuckerton Borough	<a href="#">S340034-04</a>	-	-	\$135,000	-	-	-	-	\$135,000	\$7,708,692	T 230630
660	West Wildwood Borough	<a href="#">S340626-05</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$1,890,000	T 230630
661	Cranford Township	<a href="#">S340858-04</a>	-	-	-	-	-	\$9,062,729	-	\$9,062,729	\$11,795,031	N/A
662	Cranford Township	<a href="#">S340858-05</a>	-	-	-	-	-	\$130,000	-	\$130,000	\$190,491	BEYOND25
663	Ridgefield Park Village	<a href="#">S340688-05</a>	-	-	-	\$1,753,511	-	\$22,547,658	-	\$24,301,169	\$30,211,486	T 230630
664	Matawan Borough	<a href="#">S340967-02</a>	-	-	-	-	-	\$3,310,000	-	\$3,310,000	\$4,404,418	BEYOND25
664	Matawan Borough	<a href="#">S340967-03</a>	-	-	-	-	-	\$200,000	-	\$200,000	\$289,789	BEYOND25
665	Dunellen Borough	<a href="#">S340916-03</a>	-	-	-	-	-	\$2,916,665	-	\$2,916,665	\$2,599,998	T 230630
667	Monmouth County	<a href="#">S340788-05</a>	-	-	-	-	-	-	\$655,000	\$655,000	\$923,244	BEYOND25
668	Camden County Municipal Utilities Authority	<a href="#">S340640-31</a>	-	-	-	-	-	-	-	-	\$4,667,000	T 230630
669	Camden County	<a href="#">S340525-01</a>	-	-	-	-	-	\$560,000	-	\$560,000	\$792,068	BEYOND25
669	Camden County	<a href="#">S340525-02</a>	-	-	-	-	-	-	\$1,235,097	\$1,235,097	\$1,693,221	BEYOND25
669	Camden County	<a href="#">S340525-03</a>	-	-	-	-	-	-	\$552,498	\$552,498	\$781,693	BEYOND25
670	Union County	<a href="#">S340280-01</a>	-	-	-	-	-	\$3,776,000	-	\$3,776,000	\$5,015,073	BEYOND25
671	Burlington County Bridge Commission	<a href="#">S340818-05</a>	-	-	-	-	-	\$4,500,000	-	\$4,500,000	\$5,962,475	BEYOND25
672	Newark City	<a href="#">S340815-11</a>	-	-	-	\$51,100	-	\$23,397,048	-	\$23,448,148	\$29,876,122	BEYOND25

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673	Atlantic County	<a href="#">S340156-01</a>	-	-	-	-	-	\$814,000	-	\$814,000	\$1,141,988	BEYOND25
674	Atlantic County Utilities Authority	<a href="#">S340809-19</a>	-	-	-	-	-	\$1,100,000	-	\$1,100,000	\$1,522,661	BEYOND25
674	Atlantic County Utilities Authority	<a href="#">S340809-20</a>	-	-	-	-	-	\$400,000	-	\$400,000	\$570,013	BEYOND25
675	Toms River Township	<a href="#">S340145-02</a>	-	-	-	-	-	\$750,000	-	\$750,000	\$1,054,062	BEYOND25
676	Clifton City	<a href="#">S340844-04</a>	-	-	-	-	-	\$1,715,000	-	\$1,715,000	\$2,337,382	BEYOND25
677	Middletown Township	<a href="#">S340097-01</a>	-	-	-	-	-	\$3,000,000	-	\$3,000,000	\$3,997,392	BEYOND25
677	Middletown Township	<a href="#">S340097-03</a>	-	-	-	-	-	-	-	-	\$147,540	BEYOND25
678	Old Bridge Township	<a href="#">S340945-12</a>	-	-	-	-	-	\$10,000,000	-	\$10,000,000	\$13,000,360	BEYOND25
679	Gloucester Township	<a href="#">S340364-11</a>	-	-	-	-	-	\$1,058,571	-	\$1,058,571	\$1,470,871	N/A
679	Gloucester Township	<a href="#">S340364-15</a>	-	-	-	-	-	\$1,017,924	-	\$1,017,924	\$1,369,058	N/A
679	Gloucester Township	<a href="#">S340364-16</a>	-	-	-	-	-	-	-	-	\$581,975	T 230630
680	Plainfield Municipal Utilities Authority	<a href="#">S340240-06</a>	-	-	-	-	-	\$6,000,000	\$3,000,000	\$9,000,000	\$11,675,000	T 230630
681	Plainfield City	<a href="#">S340240-01</a>	-	-	-	-	-	\$70,000	-	\$70,000	\$103,278	BEYOND25
681	Plainfield City	<a href="#">S340240-03</a>	-	-	-	-	-	\$961,125	-	\$961,125	\$1,343,743	BEYOND25
681	Plainfield City	<a href="#">S340240-05</a>	-	-	-	-	-	\$41,000	-	\$41,000	\$60,491	BEYOND25
682	Evesham Municipal Utilities Authority	<a href="#">S340838-06</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$2,110,000	T 230630
683	Berkeley Township	<a href="#">S340969-10</a>	-	-	-	-	-	\$644,525	-	\$644,525	\$773,430	BEYOND25
683	Berkeley Township	<a href="#">S340969-12</a>	-	-	-	-	-	\$487,000	-	\$487,000	\$706,150	BEYOND25
684	Mount Laurel Township	<a href="#">S340943-04</a>	-	-	-	-	-	\$8,000,000	-	\$8,000,000	\$10,426,744	BEYOND25
685	Galloway Township	<a href="#">S340892-07</a>	-	-	-	-	-	\$503,985	-	\$503,985	\$714,452	BEYOND25
686	Neptune Township	<a href="#">S340410-06</a>	-	-	-	-	-	\$500,000	-	\$500,000	\$708,917	BEYOND25
686	Neptune Township	<a href="#">S340410-07</a>	-	-	-	-	-	\$4,000,000	-	\$4,000,000	\$5,308,104	BEYOND25
686	Neptune Township	<a href="#">S340410-08</a>	-	-	-	-	-	\$1,000,000	-	\$1,000,000	\$1,396,910	BEYOND25
687	Ewing Township	<a href="#">S340397-01</a>	-	-	-	-	-	-	\$325,000	\$325,000	\$465,419	BEYOND25
687	Ewing Township	<a href="#">S340397-03</a>	-	-	-	-	-	\$126,400	-	\$126,400	\$185,346	BEYOND25
688	Monroe Township	<a href="#">S340423-04</a>	-	-	-	-	-	\$220,000	-	\$220,000	\$318,067	BEYOND25
689	Marlboro Township	<a href="#">S340268-01</a>	-	-	-	-	-	\$7,300,000	-	\$7,300,000	\$9,524,777	BEYOND25
690	Rahway City	<a href="#">S340546-03</a>	-	-	-	-	\$538,000	\$531,000	-	\$1,069,000	\$1,483,949	BEYOND25
691	Ocean Township	<a href="#">S340750-04</a>	-	-	-	-	-	\$855,000	-	\$855,000	\$1,198,294	BEYOND25
692	Maplewood (JMEUC) Township	<a href="#">S340283-02</a>	-	-	-	-	-	\$4,130,500	-	\$4,130,500	\$5,479,091	BEYOND25
693	Lower Township	<a href="#">S340810-04</a>	-	-	-	-	-	\$3,231,310	-	\$3,231,310	\$3,877,572	BEYOND25
694	Carteret Borough	<a href="#">S340939-08</a>	-	-	-	-	-	\$1,000,000	-	\$1,000,000	\$1,396,910	BEYOND25
695	Medford Township	<a href="#">S340346-02</a>	-	-	-	-	-	\$3,600,000	-	\$3,600,000	\$4,784,482	BEYOND25
696	Hazlet Township	<a href="#">S340968-02</a>	-	-	-	-	-	\$290,000	-	\$290,000	\$416,419	BEYOND25
696	Hazlet Township	<a href="#">S340968-03</a>	-	-	-	-	-	\$95,000	-	\$95,000	\$140,163	BEYOND25
696	Hillside Township	<a href="#">S340906-04</a>	-	-	-	\$222,850	-	\$305,500	-	\$528,350	\$748,257	BEYOND25
697	Mount Olive Township	<a href="#">S340537-05</a>	-	-	-	-	-	\$904,823	-	\$904,823	\$1,266,579	BEYOND25
698	Dumont Borough	<a href="#">S340922-05</a>	-	-	-	-	-	\$3,600,000	-	\$3,600,000	\$4,784,482	BEYOND25
699	Princeton	<a href="#">S340656-10</a>	-	-	-	-	-	\$1,198,675	-	\$1,198,675	\$2,068,160	BEYOND25
700	Berkeley Heights Township	<a href="#">S340385-03</a>	-	-	-	-	-	\$350,000	-	\$350,000	\$500,308	BEYOND25
701	Highland Park Borough	<a href="#">S340938-02</a>	-	-	-	-	-	\$335,000	-	\$335,000	\$479,390	BEYOND25
702	Berkeley Heights Township	<a href="#">S340385-06</a>	-	-	-	-	-	-	-	-	\$25,500,000	T 230630
703	Ringwood Borough	<a href="#">S340157-01</a>	-	-	-	-	-	\$325,000	-	\$325,000	\$465,419	BEYOND25

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Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
704	New Providence Borough	<a href="#">S340474-01</a>	-	-	-	-	-	\$150,000	-	\$150,000	\$180,000	BEYOND25
705	Hasbrouck Heights Borough	<a href="#">S340329-02</a>	-	-	-	-	-	\$5,000,000	-	\$5,000,000	\$6,614,815	BEYOND25
706	Beachwood Borough	<a href="#">S340208-01</a>	-	-	-	-	-	\$290,000	-	\$290,000	\$416,419	BEYOND25
707	Waterford Township	<a href="#">S340163-02</a>	-	-	-	-	-	\$350,000	-	\$350,000	\$500,308	BEYOND25
708	Little Falls Township	<a href="#">S340716-05</a>	-	-	-	-	-	\$882,500	-	\$882,500	\$1,235,996	BEYOND25
708	Little Falls Township	<a href="#">S340716-06</a>	-	-	-	-	-	\$830,000	-	\$830,000	\$1,163,975	BEYOND25
709	Somers Point City	<a href="#">S340618-02</a>	-	-	-	-	-	\$3,920,000	-	\$3,920,000	\$5,203,507	BEYOND25
709	Somers Point City	<a href="#">S340618-03</a>	-	-	-	-	-	\$800,000	-	\$800,000	\$1,122,734	BEYOND25
709	Somers Point City	<a href="#">S340618-04</a>	-	-	-	-	-	\$750,500	-	\$750,500	\$1,054,749	BEYOND25
710	Mount Holly Township	<a href="#">S340817-05</a>	-	-	-	-	-	\$115,000	-	\$115,000	\$169,048	BEYOND25
712	Keansburg Borough	<a href="#">S340118-03</a>	-	-	-	-	-	\$1,350,000	-	\$1,350,000	\$1,847,907	BEYOND25
713	Brigantine City	<a href="#">S340827-05</a>	-	-	-	-	-	\$3,322,017	-	\$3,322,017	\$4,420,173	T 230630
713	Brigantine City	<a href="#">S340827-06</a>	-	-	-	-	-	\$618,792	-	\$618,792	\$873,263	T 230630
714	River Vale Township	<a href="#">S340188-01</a>	-	-	-	-	-	\$850,000	-	\$850,000	\$1,191,434	BEYOND25
715	Millstone Township	<a href="#">S340126-01</a>	-	-	-	-	-	\$250,000	-	\$250,000	\$360,245	BEYOND25
716	Byram Township	<a href="#">S340569-03</a>	-	-	-	-	-	\$150,000	-	\$150,000	\$218,940	BEYOND25
716	Byram Township	<a href="#">S340569-04</a>	-	-	-	-	-	\$127,500	-	\$127,500	\$186,919	BEYOND25
717	Northfield City	<a href="#">S340508-02</a>	-	-	-	-	-	-	-	-	\$150,000	T 230630
718	Edgewater Park Township	<a href="#">S340166-01</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$2,049,114	BEYOND25
719	Boonton Town	<a href="#">S340265-01</a>	-	-	-	-	-	\$250,000	-	\$250,000	\$360,245	BEYOND25
720	Spotswood Borough	<a href="#">S340510-01</a>	-	-	\$410,500	-	-	\$1,287,265	-	\$1,697,765	\$2,164,568	N/A
721	Bogota Borough	<a href="#">S340914-02</a>	-	-	-	-	-	\$300,000	-	\$300,000	\$430,399	BEYOND25
721	Bogota Borough	<a href="#">S340914-03</a>	-	-	-	-	-	\$5,000,000	-	\$5,000,000	\$6,614,815	BEYOND25
722	Richard Stockton College	<a href="#">S340146-04</a>	-	-	-	-	-	\$857,000	-	\$857,000	\$1,201,038	BEYOND25
723	Wood-Ridge Borough	<a href="#">S340239-01</a>	-	-	-	-	-	\$455,132	-	\$455,132	\$646,771	BEYOND25
724	Keyport Borough	<a href="#">S340267-01</a>	-	-	-	-	-	\$150,000	\$100,000	\$250,000	\$360,245	BEYOND25
725	Cresskill Borough	<a href="#">S340374-01</a>	-	-	-	-	-	\$310,000	-	\$310,000	\$444,422	BEYOND25
726	Westampton Township	<a href="#">S340105-01</a>	-	-	-	-	-	\$200,000	-	\$200,000	\$289,789	BEYOND25
727	Linwood City	<a href="#">S340217-01</a>	-	-	-	-	-	\$665,000	-	\$665,000	\$937,026	BEYOND25
728	Paulsboro Borough	<a href="#">S340164-01</a>	-	-	-	-	-	\$1,640,000	-	\$1,640,000	\$2,236,978	N/A
729	Belmar Borough	<a href="#">S340209-03</a>	-	-	-	-	-	\$64,000	-	\$64,000	\$94,425	BEYOND25
730	Berlin Borough	<a href="#">S340131-03</a>	-	-	-	-	-	-	-	-	\$108,917	BEYOND25
730	Berlin Borough	<a href="#">S340131-04</a>	-	-	-	\$290,000	-	-	-	\$290,000	\$458,804	BEYOND25
731	Berlin Township	<a href="#">S340790-03</a>	-	-	-	-	-	\$942,123	-	\$942,123	\$1,317,721	BEYOND25
732	Somerdale Borough	<a href="#">S340338-03</a>	-	-	-	-	-	\$952,350	-	\$952,350	\$1,331,729	BEYOND25
733	Englewood Cliffs Borough	<a href="#">S340169-01</a>	-	-	\$300,000	-	-	-	-	\$300,000	\$430,399	BEYOND25
734	Edgewater Borough	<a href="#">S340446-07</a>	-	-	-	-	-	\$2,000,000	-	\$2,000,000	\$2,718,518	BEYOND25
734	Highlands Borough	<a href="#">S340901-03</a>	-	-	-	-	-	\$3,230,000	-	\$3,230,000	\$4,299,487	BEYOND25
734	Highlands Borough	<a href="#">S340901-04</a>	-	-	-	-	-	\$552,500	-	\$552,500	\$781,697	BEYOND25
735	Mendham Borough	<a href="#">S340159-01</a>	-	-	-	-	-	\$220,000	-	\$220,000	\$318,067	BEYOND25
735	Mendham Borough	<a href="#">S340159-02</a>	-	-	-	-	-	-	\$132,000	\$132,000	\$193,346	BEYOND25
736	Roseland Borough	<a href="#">S340361-02</a>	-	-	-	-	-	\$1,000,000	-	\$1,000,000	\$1,396,910	BEYOND25
737	Mount Arlington Borough	<a href="#">S340451-04</a>	-	-	-	-	-	\$91,000	-	\$91,000	\$134,261	BEYOND25

Cat 1 -Secondary/Sludge/Septage Treatment  
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Cat 3-Sewer System Rehabilitation  
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## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
738	Egg Harbor Township	<a href="#">S340856-01</a>	-	-	-	-	-	\$1,944,104	-	\$1,944,104	\$2,643,901	BEYOND25
739	Magnolia Borough	<a href="#">S340285-03</a>	-	-	-	\$48,000	-	\$270,000	-	\$318,000	\$455,626	BEYOND25
740	Magnolia Borough	<a href="#">S340285-04</a>	-	-	-	-	-	\$108,000	-	\$108,000	\$159,031	BEYOND25
742	Medford Lakes Borough	<a href="#">S340319-02</a>	-	-	-	-	-	\$250,000	-	\$250,000	\$360,245	BEYOND25
743	Bethlehem Township	<a href="#">S340210-01</a>	-	-	-	-	-	\$75,000	-	\$75,000	\$110,655	BEYOND25
743	Bethlehem Township	<a href="#">S340210-02</a>	-	-	-	-	-	\$280,000	-	\$280,000	\$402,413	BEYOND25
744	High Bridge Borough	<a href="#">S340842-02</a>	-	-	-	-	-	\$110,300	-	\$110,300	\$162,326	BEYOND25
744	High Bridge Borough	<a href="#">S340842-03</a>	-	-	-	-	-	\$5,200,000	-	\$5,200,000	\$6,863,603	BEYOND25
745	Stanhope Borough	<a href="#">S340504-03</a>	-	-	-	-	-	\$100,000	-	\$100,000	\$147,540	BEYOND25
746	Hamburg Borough	<a href="#">S340149-02</a>	-	-	-	-	-	\$400,000	-	\$400,000	\$570,013	BEYOND25
747	Lawnside Borough	<a href="#">S340263-01</a>	-	-	-	-	-	\$132,000	-	\$132,000	\$193,346	BEYOND25
748	Lavallette Borough	<a href="#">S340966-04</a>	-	-	-	-	-	\$282,000	-	\$282,000	\$405,216	BEYOND25
749	Liberty Township	<a href="#">S340165-01</a>	-	-	-	-	-	\$101,000	-	\$101,000	\$148,979	BEYOND25
749	Riverdale Borough	<a href="#">S340729-02</a>	-	-	-	-	-	\$200,000	-	\$200,000	\$289,789	BEYOND25
750	Avon By The Sea Borough	<a href="#">S340335-02</a>	-	-	-	-	-	\$250,000	-	\$250,000	\$360,245	BEYOND25
751	Pine Beach Borough	<a href="#">S340248-01</a>	-	-	-	-	-	\$202,620	-	\$202,620	\$293,500	BEYOND25
752	Avon By The Sea Borough	<a href="#">S340335-03</a>	-	-	-	-	-	\$8,613,000	-	\$8,613,000	\$12,488,850	BEYOND25
752	Wyckoff Township	<a href="#">S340738-04</a>	-	-	-	-	-	\$375,000	-	\$375,000	\$535,216	BEYOND25
753	Sea Bright Borough	<a href="#">S340077-01</a>	-	-	\$100,000	\$50,000	-	\$2,680,000	-	\$2,830,000	\$3,774,303	BEYOND25
754	Downe Township	<a href="#">S340438-02</a>	-	-	-	-	-	\$12,750,000	-	\$12,750,000	\$16,395,206	BEYOND25
755	Hampton Borough	<a href="#">S340481-01</a>	-	-	-	-	-	\$75,000	-	\$75,000	\$97,500	BEYOND25
756	Avalon Borough	<a href="#">S340864-02</a>	-	-	-	-	-	\$2,400,000	-	\$2,400,000	\$3,217,620	BEYOND25
757	Teterboro Borough	<a href="#">S340339-01</a>	-	-	-	-	-	\$870,473	-	\$870,473	\$1,219,513	BEYOND25
758	North Hudson Sewer Authority	<a href="#">S340952-36</a>	-	-	-	\$740,000	-	-	-	\$740,000	\$888,000	N/A
759	Middlesex County Utilities Authority	<a href="#">S342012-02</a>	\$3,700,000	-	-	-	-	-	-	\$3,700,000	\$4,915,537	BEYOND25
760	Newark City	<a href="#">S340815-15</a>	-	-	-	-	\$433,250	\$1,547,827	\$10,555,881	\$12,536,958	\$16,123,721	BEYOND25
760	Newark City	<a href="#">S340815-23</a>	-	-	-	-	-	\$21,375,666	-	\$21,375,666	\$27,315,736	BEYOND25
761	Jersey City	<a href="#">S343069-01</a>	-	-	-	-	-	-	\$10,000,000	\$10,000,000	\$13,000,360	BEYOND25
762	Cape May County Municipal Utilities Authority	<a href="#">S342017-01</a>	-	-	-	-	-	\$678,000	-	\$678,000	\$954,929	BEYOND25
763	Camden City	<a href="#">S340366-05</a>	-	-	-	-	-	-	\$5,000,000	\$5,000,000	\$6,614,815	BEYOND25
764	Bayonne Local Redevelopment Authority	<a href="#">S342009-01</a>	-	-	-	-	-	-	\$2,957,000	\$2,957,000	\$3,941,003	BEYOND25
765	Hoboken City	<a href="#">S343078-01</a>	-	-	-	-	-	\$3,705,000	-	\$3,705,000	\$4,922,087	BEYOND25
766	Secaucus Town	<a href="#">S342021-01</a>	-	-	-	-	-	-	\$16,519,865	\$16,519,865	\$21,189,858	BEYOND25
767	Clinton Town	<a href="#">S340924-07</a>	-	-	\$500,000	-	-	-	-	\$500,000	\$800,000	N/A
768	Stafford Township	<a href="#">S343076-01</a>	-	-	-	-	-	-	\$5,055,000	\$5,055,000	\$6,683,353	BEYOND25
769	Princeton	<a href="#">S343008-01</a>	-	-	-	-	-	-	\$3,500,000	\$3,500,000	\$4,653,327	BEYOND25
770	Wildwood Crest Borough	<a href="#">S343041-01</a>	-	-	-	-	-	-	\$3,000,000	\$3,000,000	\$3,997,392	BEYOND25
771	Brick Township	<a href="#">S342018-01</a>	-	-	-	-	-	-	\$11,000,000	\$11,000,000	\$14,226,449	BEYOND25
773	Buena Vista Township	<a href="#">S342023-01</a>	-	-	-	-	-	-	\$20,000,000	\$20,000,000	\$23,530,000	BEYOND25
774	Jersey City Redevelopment Agency	<a href="#">S340928-25</a>	-	-	-	\$3,547,397	-	\$730,895	-	\$4,278,292	\$5,647,345	BEYOND25
774	Jersey City Redevelopment Agency	<a href="#">S340928-26</a>	-	-	-	\$558,113	\$280,000	-	\$8,500,000	\$9,338,113	\$12,326,308	BEYOND25
775	Hudson County Improvement Authority	<a href="#">S340094-01</a>	-	-	-	-	-	\$5,000,000	-	\$5,000,000	\$6,614,815	BEYOND25
776	Bellmawr Borough	<a href="#">S342011-02</a>	-	-	-	-	-	-	\$52,490,366	\$52,490,366	\$66,350,623	BEYOND25

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## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

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778	Mercer County	<a href="#">S343004-03</a>	-	-	-	-	-	-	\$800,000	\$800,000	\$1,122,734	BEYOND25
779	Gloucester County Improvement Authority	<a href="#">S342016-01</a>	-	-	-	-	-	\$993,600	-	\$993,600	\$1,388,163	BEYOND25
780	Atlantic County Utilities Authority	<a href="#">S342001-03</a>	-	-	-	-	-	-	\$29,926,802	\$29,926,802	\$36,042,396	T 230630
781	Gloucester County Improvement Authority	<a href="#">S343074-01</a>	-	-	-	-	-	-	\$1,500,000	\$1,500,000	\$2,049,114	BEYOND25
782	Atlantic County Utilities Authority	<a href="#">S342001-02</a>	-	-	-	-	-	\$4,500,000	-	\$4,500,000	\$5,962,475	BEYOND25
783	Passaic Valley Water Commission	<a href="#">S342014-01</a>	-	-	-	-	-	\$1,200,000	-	\$1,200,000	\$1,645,877	BEYOND25
784	Sussex County Municipal Utilities Authority	<a href="#">S342008-04</a>	-	-	-	\$5,400,000	-	-	-	\$5,400,000	\$7,403,160	N/A
785	Sussex County Municipal Utilities Authority	<a href="#">S342008-01</a>	-	-	-	-	-	-	\$1,800,000	\$1,800,000	\$2,451,173	BEYOND25
786	Warren County	<a href="#">S343035-01</a>	-	-	-	-	-	\$2,374,000	-	\$2,374,000	\$3,185,630	BEYOND25
787	Edison Township	<a href="#">S342020-01</a>	-	-	-	-	-	-	\$9,000,000	\$9,000,000	\$11,714,265	BEYOND25
788	Edison Township	<a href="#">S343027-02</a>	-	-	-	-	-	-	\$43,826,580	\$43,826,580	\$55,475,226	BEYOND25
789	Hamilton Township	<a href="#">S343051-02</a>	-	-	-	-	-	-	\$1,247,000	\$1,247,000	\$1,709,268	BEYOND25
790	Brick Township	<a href="#">S343010-02</a>	-	-	-	-	-	-	\$3,264,850	\$3,264,850	\$4,345,207	BEYOND25
791	Middletown Township	<a href="#">S343021-02</a>	-	-	-	-	-	-	\$2,380,000	\$2,380,000	\$3,193,018	BEYOND25
792	Old Bridge Township	<a href="#">S343043-02</a>	-	-	-	-	-	\$3,000,000	-	\$3,000,000	\$3,997,392	BEYOND25
793	Gloucester Township	<a href="#">S343014-01</a>	-	-	-	-	-	-	\$949,900	\$949,900	\$1,328,374	BEYOND25
794	Plainfield City	<a href="#">S340240-04</a>	-	-	-	-	-	-	\$53,500	\$53,500	\$78,934	BEYOND25
795	Washington Township	<a href="#">S343044-01</a>	-	-	-	-	-	-	\$725,000	\$725,000	\$1,019,650	BEYOND25
796	Franklin Township	<a href="#">S343017-01</a>	-	-	-	-	-	-	\$16,863,000	\$16,863,000	\$21,625,688	BEYOND25
797	Evesham Township	<a href="#">S343023-02</a>	-	-	-	-	-	-	\$433,000	\$433,000	\$616,010	BEYOND25
798	Sayreville Borough	<a href="#">S343075-01</a>	-	-	-	-	-	-	\$25,000,000	\$25,000,000	\$31,783,125	BEYOND25
799	Howell Township	<a href="#">S343011-01</a>	-	-	-	-	-	-	\$1,500,000	\$1,500,000	\$2,049,114	BEYOND25
800	Hackensack City	<a href="#">S343024-01</a>	-	-	-	-	-	-	\$519,000	\$519,000	\$735,292	BEYOND25
801	Marlboro Township	<a href="#">S343059-01</a>	-	-	-	-	-	-	\$3,000,000	\$3,000,000	\$3,997,392	BEYOND25
802	Evesham Township	<a href="#">S342003-01</a>	-	-	-	-	-	-	-	-	\$2,969,927	BEYOND25
803	Manalapan Township	<a href="#">S343039-01</a>	-	-	-	-	-	-	\$2,600,000	\$2,600,000	\$3,471,822	BEYOND25
804	Mount Laurel Township	<a href="#">S343015-01</a>	-	-	-	-	-	-	\$3,135,063	\$3,135,063	\$4,174,867	BEYOND25
805	Freehold Township	<a href="#">S343018-01</a>	-	-	-	-	-	-	\$2,000,000	\$2,000,000	\$2,718,518	BEYOND25
806	West Windsor Township	<a href="#">S343005-02</a>	-	-	-	-	-	-	\$6,669,950	\$6,669,950	\$8,712,041	BEYOND25
807	Burlington Township	<a href="#">S343060-01</a>	-	-	-	-	-	-	\$429,317	\$429,317	\$610,884	BEYOND25
808	Randolph Township	<a href="#">S343007-01</a>	-	-	-	-	-	-	\$8,370,000	\$8,370,000	\$10,903,537	BEYOND25
809	Morris Township	<a href="#">S343022-01</a>	-	-	-	-	-	-	\$2,000,000	\$2,000,000	\$2,718,518	BEYOND25
810	Point Pleasant Borough	<a href="#">S343025-01</a>	-	-	-	-	-	-	\$460,950	\$460,950	\$654,846	BEYOND25
811	Readington Township	<a href="#">S343034-04</a>	-	-	-	-	-	-	\$10,815,000	\$10,815,000	\$14,000,636	BEYOND25
812	Clinton Township	<a href="#">S343012-01</a>	-	-	-	-	-	-	\$9,605,306	\$9,605,306	\$12,493,115	BEYOND25
813	Hanover Township	<a href="#">S343003-01</a>	-	-	-	-	-	-	\$9,000,000	\$9,000,000	\$11,714,265	BEYOND25
814	Brigantine City	<a href="#">S343042-01</a>	-	-	-	-	-	-	\$5,000,000	\$5,000,000	\$6,614,815	BEYOND25
815	Oakland Borough	<a href="#">S343070-01</a>	-	-	-	-	-	-	\$12,060,900	\$12,060,900	\$15,516,767	BEYOND25
816	Burlington County	<a href="#">S343068-01</a>	-	-	-	-	-	-	\$52,000	\$52,000	\$76,721	BEYOND25
817	Montgomery Township	<a href="#">S343029-01</a>	-	-	-	-	-	-	\$3,454,800	\$3,454,800	\$4,594,151	BEYOND25
818	River Vale Township	<a href="#">S343064-01</a>	-	-	-	-	-	-	\$5,000,000	\$5,000,000	\$6,614,815	BEYOND25
819	Chatham Township	<a href="#">S343016-01</a>	-	-	-	-	-	-	\$2,000,000	\$2,000,000	\$2,718,518	BEYOND25
820	Florham Park Borough	<a href="#">S343001-01</a>	-	-	-	-	-	-	\$7,500,000	\$7,500,000	\$9,782,685	BEYOND25

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821	Bordentown Township	<a href="#">S343036-01</a>	-	-	-	-	-	-	\$10,447,500	\$10,447,500	\$13,550,697	BEYOND25
822	Byram Township	<a href="#">S343047-01</a>	-	-	-	-	-	-	\$1,400,000	\$1,400,000	\$1,915,067	BEYOND25
823	Edgewater Park Township	<a href="#">S343038-01</a>	-	-	-	-	-	-	\$100,000	\$100,000	\$147,540	BEYOND25
824	Milltown Borough	<a href="#">S343052-01</a>	-	-	-	-	-	-	\$3,500,000	\$3,500,000	\$4,653,327	BEYOND25
825	Allendale Borough	<a href="#">S343067-01</a>	-	-	-	-	-	-	\$5,200,000	\$5,200,000	\$6,863,603	BEYOND25
826	Mansfield Township	<a href="#">S343040-01</a>	-	-	-	-	-	-	\$1,196,250	\$1,196,250	\$1,641,302	BEYOND25
827	Plumsted Township	<a href="#">S343019-01</a>	-	-	-	-	-	-	\$6,800,000	\$6,800,000	\$8,879,791	BEYOND25
828	Fairfield Township	<a href="#">S342004-01</a>	-	-	-	-	-	-	\$1,200,000	\$1,200,000	\$1,645,877	BEYOND25
829	Point Pleasant Beach Borough	<a href="#">S343073-01</a>	-	-	-	-	-	-	\$15,000,000	\$15,000,000	\$19,257,315	BEYOND25
830	Millstone Township	<a href="#">S343009-01</a>	-	-	-	-	-	-	\$9,000,000	\$9,000,000	\$11,714,265	BEYOND25
831	Eastampton Township	<a href="#">S343026-01</a>	-	-	-	-	-	-	\$3,000,000	\$3,000,000	\$3,997,392	BEYOND25
832	Mendham Township	<a href="#">S343031-01</a>	-	-	-	-	-	-	\$4,000,000	\$4,000,000	\$5,308,104	BEYOND25
833	East Amwell Township	<a href="#">S343062-01</a>	-	-	-	-	-	\$350,200	-	\$350,200	\$500,588	BEYOND25
834	Cape May City	<a href="#">S343045-01</a>	-	-	-	-	-	-	\$4,000,000	\$4,000,000	\$5,308,104	BEYOND25
835	High Bridge Borough	<a href="#">S343072-02</a>	-	-	-	-	-	-	\$4,200,000	\$4,200,000	\$5,570,096	BEYOND25
836	Mine Hill Township	<a href="#">S343053-01</a>	-	-	-	-	-	-	\$1,000,000	\$1,000,000	\$1,396,910	BEYOND25
837	National Park Borough	<a href="#">S342019-01</a>	-	-	-	-	-	-	\$9,675,600	\$9,675,600	\$12,583,490	BEYOND25
838	Peapack Gladstone Borough	<a href="#">S343049-01</a>	-	-	-	-	-	-	\$750,000	\$750,000	\$1,054,062	BEYOND25
839	Estell Manor City	<a href="#">S342002-01</a>	-	-	-	-	-	-	\$1,140,000	\$1,140,000	\$1,572,251	BEYOND25
840	Trenton City	<a href="#">S340416-13</a>	-	-	-	-	-	\$7,740,000	-	\$7,740,000	\$10,091,960	BEYOND25
841	Camden Redevelopment Agency	<a href="#">S340044-01</a>	-	-	-	-	-	\$100,000,000	-	\$100,000,000	\$172,309,961	BEYOND25
842	Bayonne Local Redevelopment Authority	<a href="#">S340051-05</a>	-	-	-	-	-	\$1,800,000	-	\$1,800,000	\$2,451,173	BEYOND25
842	Bayonne Local Redevelopment Authority	<a href="#">S340051-06</a>	-	-	-	-	-	\$2,600,000	-	\$2,600,000	\$3,471,822	BEYOND25
842	Bayonne Local Redevelopment Authority	<a href="#">S340051-07</a>	-	-	-	-	-	\$5,400,000	-	\$5,400,000	\$7,111,175	BEYOND25
843	Kearny Town	<a href="#">S340259-12</a>	-	-	\$60,000	\$200,000	-	\$423,000	-	\$683,000	\$961,810	N/A
843	Kearny Town	<a href="#">S340259-13</a>	-	-	\$13,437,681	-	-	\$71,948,744	-	\$85,386,425	\$107,557,474	BEYOND25
844	Jersey City Municipal Utilities Authority	<a href="#">S340928-45</a>	-	-	-	\$3,750,000	-	-	-	\$3,750,000	\$4,520,000	T 230630
845	Jersey City Municipal Utilities Authority	<a href="#">S340928-32</a>	-	-	-	-	-	-	-	-	\$7,645,200	T 220630
846	Hudson County Improvement Authority	<a href="#">S340094-02</a>	-	-	-	-	-	-	-	-	-	T 230630
847	Elizabeth City	<a href="#">S340942-06</a>	-	-	-	-	-	-	\$2,500,000	\$2,500,000	\$3,340,073	BEYOND25
847	Elizabeth City	<a href="#">S340942-10</a>	-	-	-	-	-	\$275,000	\$7,325,000	\$7,600,000	\$9,911,578	BEYOND25
848	Trenton City	<a href="#">S340087-01</a>	-	-	-	-	-	\$1,300,000	\$800,000	\$2,100,000	\$2,844,687	BEYOND25
849	Trenton City	<a href="#">S340416-14</a>	-	-	-	-	-	-	-	-	\$24,000,000	T 230630
850	Camden Redevelopment Agency	<a href="#">S340044-02</a>	-	-	\$16,300,000	\$19,500,000	-	-	-	\$35,800,000	\$45,383,793	BEYOND25
850	Camden Redevelopment Agency	<a href="#">S340044-03</a>	-	-	-	-	-	-	\$10,000,000	\$10,000,000	\$13,000,360	BEYOND25
851	Camden City	<a href="#">S340366-16</a>	-	-	-	-	-	-	-	-	\$600,000	T 220630
852	East Orange City	<a href="#">S340843-02</a>	-	-	-	-	-	-	-	-	\$6,840,000	T 230630
853	North Bergen Municipal Utilities Authority	<a href="#">S340652-11</a>	\$1,813,000	-	-	-	-	-	-	\$1,813,000	\$2,468,581	BEYOND25
853	North Bergen Township	<a href="#">S340652-08</a>	-	-	-	-	-	\$3,000,000	-	\$3,000,000	\$3,997,392	BEYOND25
854	New Brunswick City	<a href="#">S340437-12</a>	-	-	-	-	-	\$2,500,000	-	\$2,500,000	\$3,340,073	BEYOND25
855	Atlantic City Municipal Utilities Authority	<a href="#">S340439-04</a>	-	-	\$1,800,000	-	-	-	-	\$1,800,000	\$2,230,000	T 220630
856	Asbury Park City	<a href="#">S340883-08</a>	-	-	-	\$50,000,000	-	-	-	\$50,000,000	\$63,000,000	T 230630
857	Harrison Town	<a href="#">S340341-05</a>	-	-	-	-	-	\$25,000,000	-	\$25,000,000	\$31,783,125	BEYOND25

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

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

Cat 3-Sewer System Rehabilitation  
Cat 6-Stormwater Mgmt

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
858	Union County Improvement Authority	<a href="#">S340124-01</a>	-	-	-	-	-	\$2,000,000	\$16,000,000	\$18,000,000	\$23,069,596	BEYOND25
859	Hardyston Municipal Utility Authority	<a href="#">S340532-01</a>	-	-	\$405,000	-	-	-	-	\$405,000	\$486,000	T 230630
860	East Orange City	<a href="#">S340843-03</a>	-	-	\$200,000	-	-	-	-	\$200,000	\$8,506,931	T 220630
862	Carteret Borough	<a href="#">S340939-07</a>	-	-	-	-	-	-	\$18,640,000	\$18,640,000	\$23,882,313	BEYOND25
864	Pollution Control Financing Authority of Camden County	<a href="#">S342025-01</a>	-	-	-	-	-	-	\$11,550,670	\$11,550,670	\$14,060,804	BEYOND25
865	Morris County	<a href="#">S340107-01</a>	-	-	-	-	-	\$10,000,000	-	\$10,000,000	\$13,000,360	BEYOND25
869	Gloucester County Improvement Authority	<a href="#">S342016-02</a>	-	-	-	-	-	-	-	-	\$5,962,475	BEYOND25
870	Cumberland County Improvement Authority	<a href="#">S342015-04</a>	-	-	-	-	-	-	\$4,815,513	\$4,815,513	\$5,919,704	T 230630
871	Cumberland County Improvement Authority	<a href="#">S342015-01</a>	-	-	-	-	-	\$20,000,000	-	\$20,000,000	\$25,607,620	BEYOND25
871	Cumberland County Improvement Authority	<a href="#">S342015-02</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$2,049,114	BEYOND25
873	Sussex County Municipal Utilities Authority	<a href="#">S342008-06</a>	-	-	-	-	-	-	\$35,000,000	\$35,000,000	\$43,000,000	N/A
874	Pollution Control Financing Authority of Warren County	<a href="#">S342026-01</a>	-	-	-	-	-	-	\$20,000,000	\$20,000,000	\$24,000,000	T 230630
875	Two Rivers Water Reclamation Authority	<a href="#">S340117-06</a>	-	-	-	\$11,493,501	-	-	-	\$11,493,501	\$14,826,569	BEYOND25
876	Cape May County Municipal Utilities Authority	<a href="#">S342017-02</a>	-	-	-	-	-	\$4,800,000	-	\$4,800,000	\$6,354,123	BEYOND25
878	Perth Amboy Redevelopment Agency	<a href="#">S340435-07</a>	-	-	-	-	-	-	\$29,000,000	\$29,000,000	\$36,825,064	BEYOND25
879	Orange City	<a href="#">S340859-02</a>	-	-	-	-	-	\$1,506,467	\$3,052,680	\$4,559,147	\$6,039,749	BEYOND25
880	Lawrence Township	<a href="#">S340395-02</a>	-	-	-	-	-	-	\$14,284,100	\$14,284,100	\$18,347,670	BEYOND25
881	Burlington City	<a href="#">S340140-02</a>	-	-	-	-	-	-	-	-	\$2,502,000	N/A
882	Salem City	<a href="#">S340235-03</a>	-	-	-	-	-	-	-	-	\$1,345,520	BEYOND25
883	East Amwell Township	<a href="#">S340037-01</a>	-	-	-	-	-	-	\$450,000	\$450,000	\$639,645	BEYOND25
884	Willingboro Municipal Utilities Authority	<a href="#">S340132-11</a>	-	-	-	-	-	-	-	-	\$8,925,260	N/A
885	Milltown Borough	<a href="#">S340102-01</a>	-	-	-	-	-	\$15,144,194	-	\$15,144,194	\$19,440,809	T 230630
885	Milltown Borough	<a href="#">S340102-04</a>	-	-	\$1,262,950	\$590,250	-	\$2,056,800	-	\$3,910,000	\$5,190,428	T 230630
888	Bloomfield Township	<a href="#">S340516-01</a>	-	-	-	-	-	-	-	-	\$7,230,970	N/A
889	Pennsauken Township	<a href="#">S340349-04</a>	-	-	-	\$3,247,855	-	-	\$40,543,620	\$43,791,475	\$55,431,119	BEYOND25
890	Orange City	<a href="#">S340859-04</a>	-	-	-	-	-	-	-	-	\$5,047,760	T 230630
891	South Orange Village	<a href="#">S340103-01</a>	-	-	-	-	-	\$1,500,000	-	\$1,500,000	\$2,049,114	BEYOND25
892	South Orange Village	<a href="#">S340103-02</a>	-	-	-	-	-	-	-	-	\$2,670,000	T 230630
893	Brick Township Municipal Utilities Authority	<a href="#">S340448-14</a>	-	-	-	-	-	-	-	-	\$1,903,200	N/A
894	Woodbridge Township	<a href="#">S340433-10</a>	-	-	-	-	-	\$7,625,000	-	\$7,625,000	\$9,943,795	BEYOND25
895	Perth Amboy Redevelopment Agency	<a href="#">S340435-08</a>	-	-	-	-	-	-	\$15,000,000	\$15,000,000	\$19,257,315	BEYOND25
896	Hackensack City	<a href="#">S340923-09</a>	-	-	-	-	-	\$1,000,000	\$6,350,000	\$7,350,000	\$9,589,269	BEYOND25
898	Sayreville Economic & Redevelopment Agency	<a href="#">S340134-01</a>	-	-	-	\$5,000,000	-	-	\$35,000,000	\$40,000,000	\$50,664,200	BEYOND25
899	Linden City	<a href="#">S340679-02</a>	-	-	-	\$256,000	-	\$3,737,000	-	\$3,993,000	\$5,882,578	BEYOND25
900	Belleville Township	<a href="#">S340243-01</a>	-	-	-	-	-	\$5,698,697	-	\$5,698,697	\$7,478,656	BEYOND25
901	University Hospital	<a href="#">S340500-03</a>	-	-	-	-	-	-	-	-	\$11,111,111	N/A
902	Union County Improvement Authority	<a href="#">S340113-01</a>	-	-	-	-	-	\$1,350,000	-	\$1,350,000	\$1,847,907	BEYOND25
904	West Deptford Township	<a href="#">S340947-06</a>	-	-	-	-	-	-	-	-	\$3,624,840	T 220630
905	Phillipsburg Redevelopment Authority	<a href="#">S340874-06</a>	-	-	\$1,388,905	-	-	\$5,671,780	-	\$7,060,685	\$9,215,958	BEYOND25
906	Highland Park Borough	<a href="#">S340938-03</a>	-	-	-	-	-	-	-	-	\$2,400,000	T 230630
909	Bordentown City	<a href="#">S340219-04</a>	-	-	-	-	-	-	-	-	\$2,820,000	T 230630
911	Ship Bottom Borough	<a href="#">S340311-04</a>	-	-	-	-	-	-	-	-	\$2,568,400	N/A
912	Teterboro Borough	<a href="#">S340339-02</a>	-	-	-	-	-	\$17,070,740	-	\$17,070,740	\$21,889,460	BEYOND25

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

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

Cat 3-Sewer System Rehabilitation  
Cat 6-Stormwater Mgmt

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL IUP FOR FFY 2021 (and SFY 2022) - PROJECT PRIORITY LIST (CW)

Rank	Project Sponsor	Project Number	Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Building Costs	Estimated Cost	Est St Cert Date
912	Teterboro Borough	<a href="#">S340339-03</a>	-	-	-	\$26,389,038	-	-	-	\$26,389,038	\$33,535,341	BEYOND25

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

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

Cat 3-Sewer System Rehabilitation  
Cat 6-Stormwater Mgmt

**STATE OF NEW JERSEY**  
**FINAL AMENDMENTS TO THE FINAL CWIUP FOR FFY 2021 (SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
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	200
125	0
125	125
75/25	75/0
50	0
25	0
25	0
Subtotal	400

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Musconetcong Sewerage Authority  
S340384-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

1

**County**

Morris

**Existing Population**

61,661

**Service Area**

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

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Oakland Borough  
S340418-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

2

**County**

Bergen

**Existing Population**

12,754

**Service Area**

Borough of Oakland

**Need for Project**

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

**Project Description**

Engineering phase of the decommissioning and conversion of various sewer treatment plants to pump stations and the construction of force mains to connect to the Northwest Bergen County Utilities Authority treatment system

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

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

**Priority List Rank**

3

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points  
0-200

Points Scored  
50

**II. PROJECT DISCHARGE TYPE**

Possible Points

Points Scored

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

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

**A. Water Use**

Possible Points

Points Scored

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-25  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

3

**County**

Camden

**Existing Population**

513,657

**Service Area**

Camden County

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-20	Eligible Project Cost:	\$6,500,000
Rank:	4		
County:	Camden	Total State Amount:	\$6,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1100.076



## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-20  
Stormwater Management - Green Infrastructure

**Priority List Rank**

4

**County**

Camden

**Existing Population**

76,000

**Service Area**

City of Camden

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newton Town		
Project No.:	S340449-05	Eligible Project Cost:	\$1,200,000
Rank:	5		
County:	Sussex	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	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

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

**A. Water Use**

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

Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	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	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	150
			State Planning Commission	25
			Population	0.007997
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1075.007997

**Project Name, Number**

Newton Town  
 S340449-05  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

5

**County**

Sussex

**Existing Population**

7,997

**Service Area**

The Town's wastewater collection system includes approximately 25 miles of gravity sewers ranging in diameter from 6" through 24". The gravity sewer collection system is constructed mostly of vitrified clay pipes, with approximately 90 percent of the pipes being 8-inch diameter. The manholes were mostly constructed of concrete block or brick through 1965, while more recently-installed manholes are constructed predominately of precast concrete. The collection system has six (6) tributary drainage areas that ultimately convey to the Town's wastewater treatment plant.

**Need for Project**

This project is to replace the equipment for one of the key processes in use at the Wastewater Treatment Plant. Although this is addressing the biosolids portion of the facility, it is needed to maintain the overall proper operation of the plant and as such maintain the proper operation of the wet processes as well.

**Project Description**

The existing anaerobic digesters were originally constructed in 1953 and renovated in 1990. The facility is currently in disrepair and not fully operational and the cover is damaged. Currently, the tank provides limited service as a sludge storage tank. Sludge is currently hauled away without significant treatment for volume and pathogen reduction. Based on a previously conducted study, upgrade by conversion to aerobic digestion was recommended in lieu of reconditioning of the existing anaerobic digestion process. Conversion to an aerobic system is recommended because it would reduce approximately the same quantity of sludge, with lower associated capital costs, simpler operation and maintenance, lower strength of the return supernatant, and less potential for odors. The project will also include the replacement of various pumps, valves, etc.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-17	Eligible Project Cost:	\$614,815
Rank:	6		
County:	Camden	Total State Amount:	\$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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

6

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-27	Eligible Project Cost:	\$4,862,636
Rank:	7		
County:	Camden	Total State Amount:	\$4,862,636

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.513657

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-27  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

7

**County**

Camden

**Existing Population**

513,657

**Service Area**

City of Camden

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S345040-01	Eligible Project Cost:	\$1,049,636
Rank:	8		
County:	Camden	Total State Amount:	\$1,049,636

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.51
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.51

**Project Name, Number**

Camden County Municipal Utilities Authority  
S345040-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

8

**County**

Camden

**Existing Population**

510,000

**Service Area**

The service areas for this project are Camden and Gloucester Cities

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-24	Eligible Project Cost:	\$6,500,000
Rank:	8		
County:	Camden	Total State Amount:	\$6,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.51
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.51

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

8

**County**

Camden

**Existing Population**

510,000

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

9

**County**

Camden

**Existing Population**

508,932

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-17	Eligible Project Cost:	\$4,800,000
Rank:	10		
County:	Union	Total State Amount:	\$4,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well 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	0.273788
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.273788



## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Rahway Valley Sewerage Authority  
S340547-17  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

10

### County

Union

### Existing Population

273,788

### 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

The existing screens at RVSA frequently blind, especially during wet weather flow, because the existing rake mechanism cannot clean the screens fast enough, resulting in a lower level of treatment by allowing raw wastewater to bypass the screening treatment process. This can negatively affect downstream processes required for NJDEPS permit compliance. This project replaces the existing screens with multi-rake fine bar screens which will reduce blinding and maintenance requirements of the screens. Also, new screenings washer and compactors will be installed for more efficient handling of screenings and reduced organic loading being discharged to a landfill.

### Project Description

This project represents replacement in kind of existing preliminary screening equipment and does not involve increased capacity of the system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-16	Eligible Project Cost:	\$1,191,434
Rank:	11		
County:	Union	Total State Amount:	\$1,191,434

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

11

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-13	Eligible Project Cost:	\$10,104,841
Rank:	11		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Rahway Valley Sewerage Authority  
S340547-13  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

11

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-14	Eligible Project Cost:	\$9,460,275
Rank:	11		
County:	Union	Total State Amount:	\$9,460,275

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rahway Valley Sewerage Authority  
S340547-14  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

11

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-15	Eligible Project Cost:	\$2,348,518
Rank:	12		
County:	Union	Total State Amount:	\$2,348,518

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

12

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-21	Eligible Project Cost:	\$32,500,000
Rank:	13		
County:	Camden	Total State Amount:	\$32,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-21  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

13

**County**

Camden

**Existing Population**

76,000

**Service Area**

Camden City

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-22  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

13

**County**

Camden

**Existing Population**

76,000

**Service Area**

Camden city

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.076
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.076

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-23  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

13

**County**

Camden

**Existing Population**

76,000

**Service Area**

Camden City

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Borough		
Project No.:	S340781-04	Eligible Project Cost:	\$360,245
Rank:	14		
County:	Somerset	Total State Amount:	\$360,245

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Borough  
S340781-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

14

**County**

Somerset

**Existing Population**

5,990

**Service Area**

Raritan Borough

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-04	Eligible Project Cost:	\$2,030,000
Rank:	15		
County:	Morris	Total State Amount:	\$2,030,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.003915
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1050.003915

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mendham Borough  
S340159-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

15

**County**

Morris

**Existing Population**

3,915

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-25	Eligible Project Cost:	\$388,383
Rank:	16		
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**

16

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-27	Eligible Project Cost:	\$3,273,457
Rank:	16		
County:	Essex	Total State Amount:	\$3,273,457

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Newark City  
S340815-27  
Stormwater Management - Green Infrastructure

**Priority List Rank**

16

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-28	Eligible Project Cost:	\$642,076
Rank:	16		
County:	Essex	Total State Amount:	\$642,076

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 100

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

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

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

**A. Water Use**

Possible Points Points Scored

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

16

### County

Essex

### Existing Population

277,140

### Service Area

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

### Need for Project

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

### Project Description

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lower Township Municipal Utilities Authority		
Project No.:	S340810-03	Eligible Project Cost:	\$3,135,057
Rank:	17		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

17

### County

Cape May

### Existing Population

19,530

### Service Area

Lower Township

### Need for Project

Studies performed by NJDEP and the Cape May Board of Health have shown a need to find an alternate water source. The U.S. Geological Survey also indicated the need for an alternative water source. The existing discharge adversely impacts primary contact recreation and shellfish harvesting uses. Water quality does not meet standards for fecal coliform and nutrients and marginally meets standards for dissolved oxygen and toxics. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES ) Design Present mg/l mg/l Lower Township STP (NJ0023809) 4.0 1.44 91.4 18.52 93.4 12.62

### Project Description

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Oakland Borough		
Project No.:	S340418-03	Eligible Project Cost:	\$36,522,885
Rank:	18		
County:	Bergen	Total State Amount:	\$36,522,885

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

18

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-05	Eligible Project Cost:	\$1,393,209
Rank:	19		
County:	Union	Total State Amount:	\$1,393,209

**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	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well 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	15
			Population	0.013183
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1015.013183

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

19

**County**

Union

**Existing Population**

13,183

**Service Area**

Berkeley Township and portions of New Providence, Warren County

**Need for Project**

The existing sand filtration system has failed, they provide tertiary treatment of the wastewater prior to disinfection. The failed filters now are discharging higher solids concentration impacting NJDEPs permit requirement for nitrate, phosphorous, total solids and e-coli among others. The situation is now entering non-compliance with NJDEPS requirements

**Project Description**

Replacement of the failed sand filtration system required for the NJPDES permit compliance, Lower electrical usage and greater performance and less foot print.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-32	Eligible Project Cost:	\$23,755,160
Rank:	20		
County:	Camden	Total State Amount:	\$23,755,160

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125
			State Planning Commission	50
			Population	0.511
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1000.511

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-32  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

20

**County**

Camden

**Existing Population**

511,000

**Service Area**

Camden County

**Need for Project**

Reduction of combined sewage overflows and combined sewage flooding

**Project Description**

The CCMUA owns Camden City outfall C32 which is the largest outfall by volume of overflow in the Camden City, Gloucester City, CCMUA system. Currently, flow that originates in Pennsauken enters the Camden system at 42nd and High Street 51 times during the Typical Year with a total volume of 37.8 million gallons and a simulated peak flow that can reach 30 million gallons per day during the typical year. This project would eliminate the flow from entering the Camden City system and would, instead, convey the flow to a Delaware River outfall. This project would eliminate the need for satellite treatment or storage at the C32 outfall.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-16	Eligible Project Cost:	\$13,000,360
Rank:	21		
County:	Camden	Total State Amount:	\$13,000,360

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

21

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-29	Eligible Project Cost:	\$12,200,000
Rank:	22		
County:	Camden	Total State Amount:	\$12,200,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	25
Subtotal				125
State Planning Commission				50
Population				0.508
BDA Points				0
Transit Villages				0
TOTAL POINTS				1000.508

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-29  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

22

**County**

Camden

**Existing Population**

508,000

**Service Area**

Camden County, NJ

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montgomery Township		
Project No.:	S340130-03	Eligible Project Cost:	\$11,461,200
Rank:	23		
County:	Somerset	Total State Amount:	\$11,461,200

**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	0
	Subtotal	500

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

**A. Water Use**

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

Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	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	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.022254
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	1000.022254

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Montgomery Township  
S340130-03

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

23

**County**

Somerset

**Existing Population**

22,254

**Service Area**

Consistent with the current Wastewater Management Plan, the service area of existing plant and this project consists of a portion of Montgomery Township and Rocky Hill Borough

**Need for Project**

This project is needed to prevent damage to the plant during flooding of the Millstone River and to replace plant components at the end of their service lives thereby enabling reliable and resilient plant performance and water quality protection.

**Project Description**

This project will provide flood protection of the existing wastewater treatment plant, thereby significantly improving its resiliency, and will replace various plant components that have reached the end of their service lives, thereby enabling continued reliable performance and water quality protection. This project will not increase the plant's permitted capacity.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sparta Township		
Project No.:	S340495-03	Eligible Project Cost:	\$2,853,484
Rank:	24		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

24

### County

Sussex

### Existing Population

14,320

### Service Area

The study area consists of that portion of Sparta Township (48) which is situated within the Upper Wallkill River Basin. On-site rehabilitation in conjunction with a Septic System Management District would consider the entire Township as a

### Need for Project

All existing point source discharges must be addressed. Should these discharges remain in existence they must be upgraded to meet the effluent limitations needed to protect existing water quality. In cases of discharge to the Wallkill River (FW2-TM) (Plaza and H.S. 1 and 2 plants) advanced wastewater treatment will be required to diminish any impacts to Franklin Pond a downstream potable water source for Franklin Borough. Primary contact recreation is also adversely impacted by these discharges. The Wallkill river marginally meets standards for fecal coliform nutrients and toxics. In addition the failure rate for individual septic systems is averaging about 3 per year. Many of the existing systems (e.g. cesspool) cannot meet the minimum requirements for subsurface disposal and must be replaced. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES ) Design Present mgl mgl Plaza STP (NJ0027057) AST-90 .030 .040 91.3 12.6 86.0 23.3 Board of Ed.- Alpine School (NJ0027065) AST-95 .027 .008 97 7.4 93 16 Board of Ed.- H.S. Plant 1 (NJ0027073) .022 .005 98.6 4.14 97 1.44 Board of Ed.- H.S.Plant 2 (NJ0027081) .027 .008 87.6 4.2 98 2.56

### Project Description

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren Township Sewerage Authority		
Project No.:	S340964-06	Eligible Project Cost:	\$4,450,000
Rank:	25		
County:	Somerset	Total State Amount:	\$4,450,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

25

**County**

Somerset

**Existing Population**

15,311

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-24	Eligible Project Cost:	\$19,257,315
Rank:	26		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-24  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

26

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-22	Eligible Project Cost:	\$4,522,375
Rank:	26		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

26

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

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

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

26

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-03	Eligible Project Cost:	\$10,361,096
Rank:	27		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

27

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-10	Eligible Project Cost:	\$708,917
Rank:	27		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

27

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-06	Eligible Project Cost:	\$58,648,610
Rank:	27		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

27

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-14	Eligible Project Cost:	\$9,370,000
Rank:	28		
County:	Camden	Total State Amount:	\$9,370,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Camden City  
S340366-14  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

28

**County**

Camden

**Existing Population**

77,344

**Service Area**

Camden, NJ is located in Camden County directly across the Delaware River from Philadelphia, Pennsylvania. According to the United States Census Bureau, the city had a total area of 10.341 square miles (26.784 km<sup>2</sup>), including 8.921 square miles (23.106 km<sup>2</sup>) of land and 1.420 square miles (3.677 km<sup>2</sup>) of water (13.73%).

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-15	Eligible Project Cost:	\$13,330,000
Rank:	28		
County:	Camden	Total State Amount:	\$13,330,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Camden City  
 S340366-15  
 Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

28

**County**

Camden

**Existing Population**

77,344

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-07	Eligible Project Cost:	\$58,844,815
Rank:	28		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

28

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-12	Eligible Project Cost:	\$2,120,000
Rank:	28		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

28

**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).



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-13	Eligible Project Cost:	\$12,000,000
Rank:	28		
County:	Camden	Total State Amount:	\$12,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Camden City  
S340366-13  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

28

**County**

Camden

**Existing Population**

77,344

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-27	Eligible Project Cost:	\$39,412
Rank:	29		
County:	Hudson	Total State Amount:	\$39,412

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

29

**County**

Hudson

**Existing Population**

247,597

**Service Area**

city streets

**Need for Project**

prevent overflow to rivers, and reduce local flooding.

**Project Description**

Approximately 2,200 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-37	Eligible Project Cost:	\$327,936
Rank:	29		
County:	Hudson	Total State Amount:	\$327,936

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

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

**Priority List Rank**

29

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-19	Eligible Project Cost:	\$3,688,239
Rank:	30		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elizabeth City  
S340942-19  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

30

**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 existing 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-18	Eligible Project Cost:	\$28,892,500
Rank:	31		
County:	Middlesex	Total State Amount:	\$28,892,500

**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	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	1.036148
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	951.036148

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-18  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

31

**County**

Middlesex

**Existing Population**

1,036,148

**Service Area**

The Middlesex County Utilities Authority (MCUA) owns and operates a regional wastewater treatment facility referred to as the Central Treatment Plant (CTP) that serves 36 municipalities within Middlesex County and portions of Somerset and Union Counties in Central New Jersey.

**Need for Project**

The rehabilitation of these treatment units will allow the Authority to continue to meet the plants effluent water quality permit requirements and assist with processing of the solids which are resultant of the liquid stage processes. The Admin Annex houses the laboratory which is essential to assist with process control and reporting which allows the plant to achieve their effluent quality permit requirements.

**Project Description**

The Authority will be undertaking the Phase V of Central Treatment Plant (CTP) rehabilitation which consists of three (3) projects: 1) Return Sludge Pump Station Phase I Valve Replacement; 2) Process Air Piping Replacement; and 3) Admin Annex Building HVAC Improvements. The return sludge pump station project includes replacement of butterfly valves with plug valves, new supports, associated piping and new sludge pumps at the four Return Sludge Pump Stations. The process air piping replacement includes replacement of the air diffuser assemblies for the eight aerated channels around the treatment plant and installation of an additional blower to maintain dissolved air levels and keep solids in suspension. The Administration Annex Building HVAC Improvements include mechanical systems improvements to address humidity issues in the laboratory and other portions of the building including new boilers, fan coils, and make up air units to improve air quality and enhance suitable laboratory

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-19	Eligible Project Cost:	\$30,347,800
Rank:	31		
County:	Middlesex	Total State Amount:	\$30,347,800

**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	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	1.036148
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	951.036148

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-19  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

31

**County**

Middlesex

**Existing Population**

1,036,148

**Service Area**

The Middlesex County Utilities Authority (MCUA) owns and operates a regional wastewater treatment facility referred to as the Central Treatment Plant (CTP) that serves 36 municipalities within Middlesex County and portions of Somerset and Union Counties in Central New Jersey.

**Need for Project**

The improvements will allow the Authority to continue to meet the plants effluent water quality permit requirements and assist with processing of the solids which are resultant of the liquid stage processes. The proposed Septage Receiving Facility is intended to minimize the solids loading on the CTPs wastewater treatment processes and improve the quality of the resulting solid waste to be disposed at the Middlesex County Landfill by separation of solids and liquids at the facility. Upgrades to the CTP main substation will provide reliability of the incoming utility electric distribution to the various treatment facilities which if interrupted may cause a permit excursion.

**Project Description**

The Authority will be undertaking the Phase VI of Central Treatment Plant (CTP) rehabilitation which consists of four (4) projects: 1) Aerated Grit Chamber (AGC) Improvements; 2) New Septage Receiving Facilities; 3) CTP Incoming Substation Rehabilitation; and 4) Plant Influent Screens/ TTO Repairs. The AGC Improvements include replacement of grit removal method process which utilizes a gantry crane and clamshell bucket, with a continuous grit removal system, and also includes the construction of odor control system. The proposed new Septage Receiving Facility consists of an enclosure for Septage Receiving Equipment, office, restroom, electrical room, containment area, Pump Station, Force Main and Odor Control Unit. The CTP Substation project involves the replacement and upgrades of various high voltage switches and breakers at the incoming main substation. The Influent Screens project includes the installation of new influent screens at the CTPs Primary Tanks and TTO piping repairs.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-17	Eligible Project Cost:	\$13,938,000
Rank:	32		
County:	Middlesex	Total State Amount:	\$13,938,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-17  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

32

**County**

Middlesex

**Existing Population**

867,700

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-18	Eligible Project Cost:	\$50,664,200
Rank:	33		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

33

**County**

Camden

**Existing Population**

508,932

**Service Area**

All of Camden County, NJ

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-03	Eligible Project Cost:	\$363,247,172
Rank:	34		
County:	Middlesex	Total State Amount:	\$363,247,172

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

34

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-14	Eligible Project Cost:	\$16,657,750
Rank:	35		
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**

35

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-15	Eligible Project Cost:	\$8,590,638
Rank:	35		
County:	Hudson	Total State Amount:	\$8,590,638

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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  
S340652-15  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

35

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-16	Eligible Project Cost:	\$21,490,000
Rank:	35		
County:	Hudson	Total State Amount:	\$21,490,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Bergen Municipal Utilities Authority  
S340652-16  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

35

**County**

Hudson

**Existing Population**

71,949

**Service Area**

The western part of North Bergen (from Kennedy Boulevard)

**Need for Project**

The project is necessary to minimize CSO overflows during wet-weather events.

**Project Description**

Installation of 5 MG CSO Tank to minimize overflows during wet weather events.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-12	Eligible Project Cost:	\$3,340,073
Rank:	36		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

36

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-08	Eligible Project Cost:	\$6,600,000
Rank:	37		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

37

### County

Hudson

### Existing Population

50,005

### Service Area

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

### Need for Project

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

### Project Description

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-05	Eligible Project Cost:	\$17,222,998
Rank:	38		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hopatcong Borough  
S340488-05  
Sanitary Sewer System - New

**Priority List Rank**

38

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S340850-06	Eligible Project Cost:	\$2,161,100
Rank:	39		
County:	Passaic	Total State Amount:	\$2,161,100

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Paterson City  
S340850-06  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

39

**County**

Passaic

**Existing Population**

146,753

**Service Area**

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

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S340850-07	Eligible Project Cost:	\$2,137,200
Rank:	39		
County:	Passaic	Total State Amount:	\$2,137,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Paterson City  
S340850-07  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

39

**County**

Passaic

**Existing Population**

146,753

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S340850-05	Eligible Project Cost:	\$1,935,000
Rank:	39		
County:	Passaic	Total State Amount:	\$1,935,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Paterson City  
S340850-05  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

39

**County**

Passaic

**Existing Population**

146,753

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S340850-03-1	Eligible Project Cost:	\$2,510,318
Rank:	40		
County:	Passaic	Total State Amount:	\$2,510,318

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Paterson City  
S340850-03-1  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

40

**County**

Passaic

**Existing Population**

145,627

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsauken Township		
Project No.:	S340349-03	Eligible Project Cost:	\$5,308,104
Rank:	41		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

41

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-08	Eligible Project Cost:	\$600,000
Rank:	42		
County:	Sussex	Total State Amount:	\$600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Hopatcong Borough  
S340488-08  
Sanitary Sewer System - New

**Priority List Rank**

42

**County**

Sussex

**Existing Population**

15,147

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-46	Eligible Project Cost:	\$3,600,000
Rank:	43		
County:	Hudson	Total State Amount:	\$3,600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	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	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.265549
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.265549

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-46  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

The service area includes upstream areas of Jersey City that discharge through the existing 96" Claremont Carteret outfall , approximately 609 acres.

**Need for Project**

This project is an emergency repair of an existing sewer. This project will maintain proper function of the collection system.

**Project Description**

The existing Carteret Outfall conveys combined sewer overflows from the eastern side of the City. The outfall consists of a 96-inch steel pipe that was constructed about 100-years ago. A section of the pipeline has been severely damaged by a surcharge load placed over the conduit by the placement of recycled concrete aggregate from the operations of a Liberty Recycling. As a result, approximately 360 linear feet of the pipe was deformed and had the potential to collapse. This section of the pipeline will be replaced via open cut under an emergency declaration.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-49	Eligible Project Cost:	\$33,093,720
Rank:	43		
County:	Hudson	Total State Amount:	\$33,093,720

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-49  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

Jersey City is the second largest city in the State of New Jersey with a population of approximately 265,000 based on the estimated 2018 U.S. Census data. Jersey City is approximately 21 square miles and is bordered by Secaucus, North Bergen, Union City and Hoboken to the North and Bayonne to the South. The sewer mains convey, on average, approximately 50 million gallons of sewage per day (MGD). The project is required as part of an EPA consent order. The project area is located in the Communipaw Avenue Area of Jersey City.

**Need for Project**

This project is necessary to provide a reliable sanitary sewer collection system and storm water collection system throughout the Pine Street drainage area. The new gravity sanitary sewer main will be used to service both residential and commercial buildings. The storm sewer will be used for drainage and storm water management.

**Project Description**

The project consists of replacing approximately 13,000 linear feet of existing combined sewer in the Pine Street Drainage Basin with separated storm and sanitary sewers. Additionally, storm sewers shall be installed beneath the Hudson Bergen Light Rail at Suydam Avenue and Pine Street.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-43	Eligible Project Cost:	\$61,751,143
Rank:	43		
County:	Hudson	Total State Amount:	\$61,751,143

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	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	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.265549
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.265549

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-43  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

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

**Need for Project**

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

**Project Description**

As part of their capital improvements program the Jersey City Municipal Utilities Authority intends on replacing approximately 31,040 linear feet of various size combined sewer mains including manholes, sewer laterals and storm water inlets. In addition, the project will also include the rehabilitation of approximately 1,921 linear feet of combined sewer main using trenchless technology including rehabilitation of manholes.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-47	Eligible Project Cost:	\$11,400,000
Rank:	43		
County:	Hudson	Total State Amount:	\$11,400,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	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	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.265549
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.265549

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-47  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

Jersey City is the second largest city in the State of New Jersey with a population of approximately 265,000 based on the estimated 2018 U.S. Census data. Jersey City is approximately 21 square miles and is bordered by Secaucus, North Bergen, Union City and Hoboken to the North and Bayonne to the South. The sewer mains convey, on average, approximately 50 million gallons of sewage per day (MGD). The project is required as part of an EPA consent order. The project area is located in the Communipaw Avenue Area of Jersey City.

**Need for Project**

This project is necessary to provide a reliable sanitary sewer collection system and storm water collection system to Van Horne Street. The new gravity sanitary sewer main will be used to service both residential and commercial buildings. The storm sewer will be used for drainage and storm water management.

**Project Description**

The project consists of replacing the existing combined sewer on Van Horne Street between Johnston Avenue and the Hudson Bergen Light Rail and on Woodward Street between Communipaw Avenue and the Hudson Bergen Light Rail with separated storm and sanitary sewers. Additionally, a 42" storm sewer shall be installed using trenchless methods underneath the Hudson Bergen Light Rail and the existing combined sewer underneath the Light Rail shall be rehabilitated and converted into a dedicated sanitary sewer.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-42	Eligible Project Cost:	\$37,000,000
Rank:	43		
County:	Hudson	Total State Amount:	\$37,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-42  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-44	Eligible Project Cost:	\$36,554,000
Rank:	43		
County:	Hudson	Total State Amount:	\$36,554,000

**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	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	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	50
			Population	0.265549
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	910.265549

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-44  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

43

**County**

Hudson

**Existing Population**

265,549

**Service Area**

The service area includes upstream areas of Jersey City that discharge through the existing 96" and 72" Claremont Carteret outfall , approximately 609 acres.

**Need for Project**

The service area experiences flooding and combined sewerage back ups during high tide conditions. This pump station will alleviate CSO back ups into the service area. The project will also include the relining of the outfall downstream of the regulator.

**Project Description**

The Claremont-Carteret Pump Station will be designed to alleviate upstream flooding along a dual pipe CSO outfall.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-40	Eligible Project Cost:	\$3,512,000
Rank:	44		
County:	Hudson	Total State Amount:	\$3,512,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-40  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

44

**County**

Hudson

**Existing Population**

257,342

**Service Area**

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

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-19	Eligible Project Cost:	\$6,614,815
Rank:	45		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-19  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-35	Eligible Project Cost:	\$7,774,166
Rank:	45		
County:	Hudson	Total State Amount:	\$7,774,166

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

N/A

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-41	Eligible Project Cost:	\$4,278,193
Rank:	45		
County:	Hudson	Total State Amount:	\$4,278,193

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-41  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-20	Eligible Project Cost:	\$6,361,818
Rank:	45		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

45

### 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 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-34	Eligible Project Cost:	\$1,181,180
Rank:	45		
County:	Hudson	Total State Amount:	\$1,181,180

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-34  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-28	Eligible Project Cost:	\$340,057
Rank:	45		
County:	Hudson	Total State Amount:	\$340,057

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-38	Eligible Project Cost:	\$334,872
Rank:	45		
County:	Hudson	Total State Amount:	\$334,872

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-38  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-33	Eligible Project Cost:	\$7,435,291
Rank:	45		
County:	Hudson	Total State Amount:	\$7,435,291

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-33  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-39	Eligible Project Cost:	\$31,877,947
Rank:	45		
County:	Hudson	Total State Amount:	\$31,877,947

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-39  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-36	Eligible Project Cost:	\$10,800,000
Rank:	45		
County:	Hudson	Total State Amount:	\$10,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-36  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

N/A

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-31	Eligible Project Cost:	\$11,059,600
Rank:	45		
County:	Hudson	Total State Amount:	\$11,059,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-31  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-15	Eligible Project Cost:	\$38,467,004
Rank:	45		
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**

45

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-21	Eligible Project Cost:	\$622,571
Rank:	45		
County:	Hudson	Total State Amount:	\$622,571

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

45

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-16	Eligible Project Cost:	\$8,987,500
Rank:	45		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-16  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-23	Eligible Project Cost:	\$1,846,000
Rank:	45		
County:	Hudson	Total State Amount:	\$1,846,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-29	Eligible Project Cost:	\$15,360,000
Rank:	45		
County:	Hudson	Total State Amount:	\$15,360,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-29  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

45

**County**

Hudson

**Existing Population**

247,597

**Service Area**

City of Jersey City

**Need for Project**

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

**Project Description**

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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-24	Eligible Project Cost:	\$16,167,000
Rank:	45		
County:	Hudson	Total State Amount:	\$16,167,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

45

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-17	Eligible Project Cost:	\$1,396,910
Rank:	45		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-18	Eligible Project Cost:	\$5,308,104
Rank:	45		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-18  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

45

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-07	Eligible Project Cost:	\$3,345,345
Rank:	46		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

46

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-03	Eligible Project Cost:	\$47,046,859
Rank:	46		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

46

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-04	Eligible Project Cost:	\$2,437,780
Rank:	46		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

46

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-13	Eligible Project Cost:	\$12,357,700
Rank:	47		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elizabeth City  
S340942-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

47

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S345070-01	Eligible Project Cost:	\$4,000,000
Rank:	47		
County:	Union	Total State Amount:	\$4,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elizabeth City  
S345070-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

47

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-17	Eligible Project Cost:	\$508,104
Rank:	47		
County:	Union	Total State Amount:	\$508,104

**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	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

47

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-18	Eligible Project Cost:	\$4,423,429
Rank:	47		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

47

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-20	Eligible Project Cost:	\$10,047,725
Rank:	47		
County:	Union	Total State Amount:	\$10,047,725

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

47

**County**

Union

**Existing Population**

124,969

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-33	Eligible Project Cost:	\$15,416,000
Rank:	48		
County:	Camden	Total State Amount:	\$15,416,000

**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	0/0
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	0.511
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.511

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-33  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

48

**County**

Camden

**Existing Population**

511,000

**Service Area**

Camden County

**Need for Project**

The preliminary treatment systems (Screening and Grit removal) are one of the most important treatment systems in the wastewater treatment process. Along with removal of the large debris, they protect all the essential physical and biological wastewater treatment processes downstream. Both Screening equipment (Bar screens) and Grit Removal equipment (Grit Separator/Washers) are well past their useful life and experience an increase in both emergency failures and frequency of repair maintenance. CCMUA also had hired a consultant to provide an evaluation of the structural integrity of the grit piping. A non-destructive evaluation of the piping showed that most of the piping lost close to have of its original wall thickness. This condition requires an immediate scheduled replacement of the effect piping to avoid a catastrophic failure of this system, and to compromise the ability of the system to treat wastewater and to control the cost of repairs by avoiding unscheduled emergency

**Project Description**

Project consists of replacement of the three existing coarse bar screen systems with three new fine bar screens; replacement of three existing grit separator and washer systems with three new; replacement of the grit piping between grit pumps and new grit separator/washers. The work will include mechanical and electrical demolition, mechanical and electrical new work, new instrumentation and control work, ventilation ductwork upgrade, structural work related to equipment installation, plumbing work and painting work.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-13	Eligible Project Cost:	\$5,308,104
Rank:	49		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

49

**County**

Camden

**Existing Population**

508,932

**Service Area**

Camden County

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne City		
Project No.:	S340399-31	Eligible Project Cost:	\$1,618,539
Rank:	50		
County:	Hudson	Total State Amount:	\$1,618,539

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Bayonne City  
S340399-31  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

50

**County**

Hudson

**Existing Population**

63,024

**Service Area**

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

**Need for Project**

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

**Project Description**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Municipal Utilities Authority		
Project No.:	S340399-27	Eligible Project Cost:	\$3,997,392
Rank:	51		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bayonne Municipal Utilities Authority  
S340399-27  
Pump Stations

**Priority List Rank**

51

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Municipal Utilities Authority		
Project No.:	S340399-26	Eligible Project Cost:	\$5,439,141
Rank:	51		
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**

51

**County**

Hudson

**Existing Population**

61,842

**Service Area**

City of Bayonne

**Need for Project**

The EPA CSO Control Policy requires that all CSO discharge points come into compliance with water quality standards and that all CSO permittees undertake the development and implementation of a CSO Long Term Control Plan. The Authoritys existing CSO Permit required the development of a plan for disinfection of CSO discharges. In the development of the plan it was recognized that there is very little information on the use and effectiveness of various treatment and disinfection methods for CSO discharges and it was stated that pilot testing needed to be undertaken. The information developed from this project will provide valuable data for the evaluation and implementation of treatment and disinfection of CSO discharges and will be valuable to any and all permittees with CSOs.

**Project Description**

Project will include pilot testing of various means of treatment and disinfection of CSO discharges at the Oak Street Pumping Station and CSO Outfall Serial No. 001005. Project will include modifications to the existing piping and possible re-activation of one or more primary settling basins from the old primary STP which has been decommissioned but not eliminated in addition to provisions of other chemical feed and treatment technologies.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-06	Eligible Project Cost:	\$5,308,104
Rank:	52		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-06  
Pump Stations

**Priority List Rank**

52

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-10	Eligible Project Cost:	\$3,558,698
Rank:	52		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Kearny Town  
S340259-10  
Pump Stations

**Priority List Rank**

52

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-11	Eligible Project Cost:	\$8,518,521
Rank:	52		
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 - Gray Infrastructure

**Priority List Rank**

52

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ridgefield Park Village		
Project No.:	S340688-04	Eligible Project Cost:	\$16,713,680
Rank:	53		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

53

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ridgefield Park Village		
Project No.:	S345230-01	Eligible Project Cost:	\$800,000
Rank:	54		
County:	Bergen	Total State Amount:	\$800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Ridgefield Park Village

S345230-01

Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

54

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Guttenberg Town		
Project No.:	S340854-03	Eligible Project Cost:	\$3,240,000
Rank:	55		
County:	Hudson	Total State Amount:	\$3,240,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	50
			Population	0.011176
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.011176

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Guttenberg Town  
S340854-03  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

55

**County**

Hudson

**Existing Population**

11,176

**Service Area**

Entire Town of Guttenberg (Hudson County)

**Need for Project**

The project is intended to address existing issues with CSO pipe that travels through the Galaxy Towers residential development, then discharges through an existing netting chamber adjacent to River Road and ultimately outfalls in the Hudson River. During intense storm events, the existing CSO pipe overflows at the netting chamber and at a chamber/manhole located on the Galaxy Towers property.

**Project Description**

The project comprises modifications to Gutenberg's Combined Sewer Overflow (CSO) system: 1. Modification and/or expansion of the CSO netting chamber to lower velocities in the CSO piping to eliminate potential backpressure and allow the netting chamber to collect solids before discharge to the Hudson River. 2. Replace the open chamber piping on the 36-42" ductile iron pipe (DIP) CSO with a larger pipe or box culvert. 3. Replace the CSO outfall pipe to the Hudson River.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Guttenberg Town		
Project No.:	S340854-02	Eligible Project Cost:	\$402,413
Rank:	56		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

56

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carneys Point Sewerage Authority		
Project No.:	S340502-09	Eligible Project Cost:	\$1,497,445
Rank:	57		
County:	Salem	Total State Amount:	\$1,497,445

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.008049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	900.008049

**Project Name, Number**

Carneys Point Sewerage Authority  
S340502-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

57

**County**

Salem

**Existing Population**

8,049

**Service Area**

CPTSA sewer service area serves approximately 2,123 residences and 134 businesses within Carneys Point Township and Oldmans Township. At an average rate of 2.58 persons per household (U.S. Census Bureau 2012-2016), the estimated population served by CPTSA is 5,477. Please refer to the sewer service map in the reports and maps section for further details.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the CPTSA service area. Failing to maintain current infrastructure will only serve to increase the risk of future service interruption. The reconstruction of existing wastewater treatment plant infrastructure will serve to protect local water quality from disturbances related to failure of the existing tertiary treatment systems. Overall the proposed work will enable CPTSA to keep the wastewater treatment plant infrastructure in good operating condition and to facilitate its continuing efforts to provide sanitary sewer service for its residents, businesses, and industry. In addition it will enable the CPTSA to eliminate the sodium hypochlorite disinfection, which will provide a benefit to the Delaware River ecosystem.

**Project Description**

This project is being completed to upgrade and replace the existing tertiary sand filters and UV disinfection system at the Carneys Point Township Sewerage Authority wastewater treatment plant located at Cleveland Ave and E Street in Carneys Point, NJ. The existing sand filters will be demolished in order to provide sufficient space to install the proposed tertiary disc filters and UV system. The existing UV equipment will be disassembled and removed from the site. On site piping will be reconfigured to support the proposed equipment. Since the existing equipment is at the end of its service life, our office estimates that replacement of both tertiary treatment systems will provide the greatest cost savings in the long term, including costs saved by discontinuing operation of the existing sodium hypochlorite disinfection system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340463-06	Eligible Project Cost:	\$4,135,382
Rank:	58		
County:	Burlington	Total State Amount:	\$4,135,382

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Medford Lakes Borough

S340463-06

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

58

**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 nontrot 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S345210-01	Eligible Project Cost:	\$200,000
Rank:	59		
County:	Passaic	Total State Amount:	\$200,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

59

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-17	Eligible Project Cost:	\$4,418,400
Rank:	60		
County:	Middlesex	Total State Amount:	\$4,418,400

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.052682
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.052682

**Project Name, Number**

Perth Amboy City  
S340435-17  
Stormwater Management - Green Infrastructure

**Priority List Rank**

60

**County**

Middlesex

**Existing Population**

52,682

**Service Area**

The project area is a street within a residential neighborhood that extends between the City's downtown train station and the Raritan River waterfront. Given that this corridor connects so many of the City's assets, we expect the impact of this project to be Citywide.

**Need for Project**

Perth Amboy must find ways to manage our storm water in order to minimize the frequency and severity of our combined sewer outfalls. This project includes several green infrastructure techniques that will assist in capturing stormwater and divert it from our combined sewer system such as vegetated bioswales fed by graded crosswalks and several additional street trees.

**Project Description**

The Second Street Corridor Project is a street improvement project that will include elements to increase pedestrian safety and manage stormwater runoff. The concept includes pedestrian bumpouts with vegetated bioswales that can collect runoff from the street at four three-way intersections that are along Second Street. Additionally, it features pitched grade to feed these bioswales all along the street to collect and channel stormwater runoff from both the street and sidewalks. These curb extensions can create high visibility crosswalks with marked pedestrian crossings and a raised surface that will further channel runoff to the bioswales. Another primary component of this project are enhanced sidewalks, approximately ten to fifteen feet in width, which could be designed with pervious pavement.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340336-08	Eligible Project Cost:	\$1,740,700
Rank:	61		
County:	Monmouth	Total State Amount:	\$1,740,700

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	25
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	875.030719

**Project Name, Number**

Long Branch Sewerage Authority  
S340336-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

61

**County**

Monmouth

**Existing Population**

30,719

**Service Area**

The LBSA service area covers approximately 5.36 square miles in central eastern Monmouth County, New Jersey. The area is bounded by the Ocean to the east; Monmouth Beach and Oceanport to the north; Oceanport, West Long Branch and Ocean Township to the west; and Ocean Township and Deal to the south. The land area breakdown contained in each of the municipalities included within the LBSA Wastewater Management Plan (WMP) area is as follows: the City of Long Branch (5.10 square miles), the Borough of West Long Branch (0.2565 square miles), and the Borough of Monmouth Beach (0.0011 square miles). The City of Long Branch is the only "participating" municipality. The small areas of the other two municipalities are "customers" of LBSA.

**Need for Project**

The wastewater treatment plant improvement projects will improve performance, efficiency, and extend the life expectancy of the various components.

**Project Description**

This loan application comprises two projects, including 1) WWTP Hot Water Piping System and Final Settling Tank Mechanical Improvements Project: the replacement of and modification to the existing underground hot water piping system providing hot water supply and return services. Then abandon in place water supply and return services from the Plant Control Building to Sludge Handling Building. The Final Settling Tank sludge collector drives will then be replaced with modern and separate drive systems for sludge long collectors and sludge cross collectors as required; and, 2) Sludge Holding System Improvements Project: improvements to the sludge holding tank and piping system. This entails demolition of internal installations, then a rehabilitation of the tank chamber interior as required for new operation. A Sludge Mixing System will be installed within the proposed Sludge Holding Tank along with a new cover over the tank, vent system, and Sludge Transfer Pump and Pump Controls.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-05	Eligible Project Cost:	\$19,158,252
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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 mgl mgl Consolidated School Secondary (NJ0021091) 0.0075 0.01156 97.8 4.35 96.2 4.85 If the plan to connect into the Musconetcong Sewer Authority (MSA) is implemented this sewage treatment plant will also connect into the MSA.

**Project Description**

This project includes the construction of a collection system for the Musconetcong River Basin portion of Jefferson which may also include an interceptor pump station and force main. Also a septic system management plan will be recommended for the remaining portion of the Township.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren County		
Project No.:	S340453-03	Eligible Project Cost:	\$2,607,692
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### 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 mgl mgl Blair Academy (Secondary) (NJ0022101) 0.050 0.008 96.1 5.2 90.7 7.4 North Warren Regional High School (Secondary) (NJ0031046) 0.005 0.007 92.8 15.8 94.0 9.7

### Project Description

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-56	Eligible Project Cost:	\$6,223,655
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 plans requires the proper operation of the primary and secondary clarifiers. The clarifiers are currently reaching the end of their useful life and are in need of rehabilitation to ensure the continued efficient treatment of raw wastewater. The proposed improvements will include the rehabilitation of all concrete surfaces, the installation of stainless steel mechanical components and all associated equipment.

**Project Description**

Clarifiers PC-2 and PC-4 at the CWPCF and Primary Clarifiers-2 and 3 and Final Clarifier FC-4 at the SWPCF. Since being placed into service these clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components structural steel and concrete walls and floors show signs of degradation and are in need of repair or replacement. The new mechanical components will be fabricated with stainless steel with an operating life in excess of twenty-five years.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayshore Regional Sewer Authority		
Project No.:	S340697-06	Eligible Project Cost:	\$7,916,433
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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayshore Regional Sewer Authority		
Project No.:	S340697-07	Eligible Project Cost:	\$23,400,000
Rank:	65		
County:	Monmouth	Total State Amount:	\$23,400,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

Bayshore Regional Sewer Authority  
S340697-07  
Flood Resiliency

**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 also include five (5) industrial users and a major hospital in Monmouth County which overall represent a combined current serviced population of over 90,000 people. Plant Effluent flows by gravity to the MCBOA. MCBOA pumps this effluent using three pumps (2-500HP VS Pumps, 1 diesel driven pump as standby) along 14 miles of pipeline to the Atlantic Ocean.

**Need for Project**

The project would provide BRSA and MCBOA the ability to safely treat and dispose of wastewater during periods of prolonged Utility power outage similar to that experienced during Superstorm Sandy (approximately 7 consecutive days). It will prevent an uncontrolled discharge of improperly or untreated sewage into wetlands areas and the Raritan Bay located in the vicinity of the Facilities. This mitigation project will also prevent future catastrophic events such as the complete inoperability of the Facilities that occurred during Superstorm Sandy. In fact, the proposed improvements will enhance the environment by reducing or eliminating the potential for Facility flooding or failures, thus negating the chance of untreated wastewater to enter wetlands and/or surface waters.

**Project Description**

BRSA plans to construct a new Power Resiliency Generator System to maintain continuous power supply to BRSA and MCBOA Pump Station for a minimum of seven (7) consecutive days, the period of time that utility power was down as a result of Hurricane Sandy. Components would include: - Standby Power available from Natural Gas Fired Generators enclosed in Generator Building elevated above the 500-year flood plain including wave action. - Paralleling Switchgear for automatic synchronous switchover from JCP&L supplied line power to gensets - Controls for Monitoring and Automation of Power supplies - Power cables, duct banks, and electrical gear to integrate with BRSA and MCBOA equipment and facilities - Mitigation against flooding of affected MCBOA Facilities

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayshore Regional Sewer Authority		
Project No.:	S340697-05	Eligible Project Cost:	\$58,072,111
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-63	Eligible Project Cost:	\$2,143,000
Rank:	66		
County:	Ocean	Total State Amount:	\$2,143,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

**Project Name, Number**

Ocean County Utilities Authority  
S340372-63  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

66

**County**

Ocean

**Existing Population**

388,501

**Service Area**

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County. The NSA is comprised of the Northern Water Pollution Control Facility (NWPCF) located on Mantoloking Road (Route 528) in Brick Township, eight pump/lift stations, seven miles of force main, and approximately 43 miles of gravity flow interceptors. The NWPCF was placed into operation in 1976, and provides secondary treatment and is rated at a capacity of 32 MGD. Effluent is discharged into the Atlantic Ocean through an outfall approximately 6,800 feet out from the shore of Mantoloking.

**Need for Project**

This project will provide for the continuation of the long term wastewater treatment process by providing for the replacement of the roof system at the NWPCF Solids Handling Facility. .

**Project Description**

The Northern Water Pollution Control Facilities (NWPCF) is located on Mantoloking Road in Brick Township, New Jersey. The treatment facility began operations in 1976 and is designed to treat a combination of domestic, light industrial and commercial wastewaters. This project is a continuation of an ongoing effort by the Authority to restore building sites to their original condition for the protection of equipment and property (NJAC 7:22-5.6 a.5). Specifically, this work involves the replacement of the existing Built-Up Roofing (BUR) system installed on the Solids Handling Facility (SHF) at the NWPCF. The existing BUR system on the SHF was installed in 1975, has been deemed to be in poor condition and is need of replacement. Alterations have been made to sludge processing methods since the SHF was originally constructed. Those retired systems, which have all since been removed, required numerous roof penetrations for intake and exhaust air. The elimination of these systems ha

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-61	Eligible Project Cost:	\$5,089,600
Rank:	66		
County:	Ocean	Total State Amount:	\$5,089,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

**Project Name, Number**

Ocean County Utilities Authority  
S340372-61  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

66

**County**

Ocean

**Existing Population**

388,501

**Service Area**

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County. Ocean through an outfall diffuser approximately 6,000 feet out from the shore of Mantoloking Beach.

**Need for Project**

This project will provide for improved influent screw pump capacity and reliability to the NWPCF. Maintaining reliability by having the capacity to convey the peak hourly flow by operating three influent screw pumps, is achieved by providing a fourth influent screw pump that is available for service in the event of inoperability of one of the other three influent screw pumps. The potential for a discharge of wastewater is greatly reduced or eliminated by maintaining the ability to convey wastewater into the NWPCF.

**Project Description**

The Northern Water Pollution Control Facility (NWPCF) is located off Mantoloking Road in Brick Township, New Jersey; serves the Northern Service Area (NSA) and has eight (8) pump and lift stations that convey wastewater to the NWPCF. There are four (4) Archimedes, spiral flight screw pumps at the NWPCF, which lift the influent wastewater to an elevation where it then flows by gravity through the treatment plant. Influent Screw Pump Nos. 1, 2 and 4, were installed in 2003, with each screw having a capacity of 29.4 mgd. Screw Pump No. 3, which was installed in 1994 has an existing capacity of 26 mgd. Recently, Influent Screw Pump No. 2 failed, was rebuilt and placed back in-service. All four screw pumps will be replaced as a part of this project.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-62	Eligible Project Cost:	\$3,949,600
Rank:	66		
County:	Ocean	Total State Amount:	\$3,949,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.388501
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.388501

**Project Name, Number**

Ocean County Utilities Authority  
S340372-62  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

66

**County**

Ocean

**Existing Population**

388,501

**Service Area**

The Northern Service Area (NSA) provides service to the municipalities of Farmingdale, Freehold Borough, Freehold Township, Howell, and a portion of Wall in Monmouth County, as well as Bay Head, Brick (mainland portion), Jackson, Lakewood, Pt. Pleasant, and Pt. Pleasant Beach in Northern Ocean County.

**Need for Project**

This project will provide for long-term wastewater treatment process for removing total suspended solids, a NJPDES permit requirement and maintaining reliability by providing treatment capacity in excess of that need to treat the AADF.

**Project Description**

This clarifier project is a continuation of an on-going effort to maintain and rehabilitate the assets of the Authority. This clarifier rehabilitation project involves improvements to Final Clarifiers FC-1 and FC-8 at the Northern Water Pollution Control Facility (NWPCF) located in Brick Township, New Jersey. Both clarifiers were original to the completed treatment plant in 1976. Rehabilitation will include replacement of mechanical and metallic components with new, rehabilitation of concrete surfaces, and new conduit, conductors and lighting.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-59	Eligible Project Cost:	\$6,956,586
Rank:	67		
County:	Ocean	Total State Amount:	\$6,956,586

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.338657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.338657

**Project Name, Number**

Ocean County Utilities Authority  
S340372-59

**Priority List Rank**

67

Sewage Treatment Plant (STP) - Improvement/Upgrade

**County**

Ocean

**Existing Population**

338,657

**Service Area**

The proposed clarifier improvements will be completed at the Central Water Pollution Control Facility (CWPCF) and the Southern Water Pollution Control Facility (SWPCF). The Central Service Area (CSA) provides service to the municipalities of Barnegat, Beachwood, Berkeley, Brick (barrier island portion), Toms River, Island Heights, Lacey, Lakehurst, Lavallette, Manchester, Mantoloking, Ocean, Ocean Gate, Pine Beach, Seaside Heights, Seaside Park, and South Toms River. The CSA is comprised of the CWPCF, 19 pumpstations, 76 miles of forcemain and gravity interceptors and is rated at 32 mgd. The Southern Service Area (SSA) provides service to the municipalities of Barnegat Light, Beach Haven, Eagleswood, Harvey Cedars, Little Egg Harbor, Long Beach, Ship Bottom, Stafford, Surf City, and Tuckerton. The SSA is comprised of the SWPCF, 13 pumpstations, 42 miles of forcemain and gravity interceptors and is rated at 20 mgd.

**Need for Project**

This project includes the rehabilitation of Primary Clarifier PC-1 and PC-3 and Final Clarifier FC-8 at the CWPCF and Primary Clarifier PC-1 and PC-4 and Final Clarifier FC-3 at the 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 shows signs of degradation and are need of repair. The operation of the two secondary treatment wastewater treatment plans requires the proper operation of the primary and secondary clarifiers. The clarifiers are currently reaching the end of their useful life and are in need of rehabilitation to ensure the continued efficient treatment of raw wastewater. The proposed improvements will include the rehabilitation of all concrete surfaces and the installation of stainless steel mechanical components and all associated equipment.

**Project Description**

This clarifier project is a continuation of an on-going effort to maintain and rehabilitate the assets of the Authority. This project concerns the rehabilitation of Primary Clarifiers PC-1 and PC-3 and Final Clarifier FC-8 at the CWPCF and Primary Clarifiers PC1 and PC-4 and Final Clarifier FC-3 at the SWPCF. Since being placed into service, these clarifiers have been subjected to the corrosive and destructive elements associated with the treatment of wastewater. The mechanical components, structural steel and concrete walls and floors show signs of degradation and are in need of repair or replacement. The new mechanical components will be fabricated with stainless steel with an operating life in excess of twenty-five years.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-64	Eligible Project Cost:	\$37,774,000
Rank:	68		
County:	Ocean	Total State Amount:	\$37,774,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.267196
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.267196

**Project Name, Number**

Ocean County Utilities Authority  
S340372-64  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

68

**County**

Ocean

**Existing Population**

267,196

**Service Area**

The Central Service Area (CSA) is depicted in Figure 1. The 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 Authority's CSA is comprised of the CWPCF located on Hickory Lane in Bayville, 19 pump/lift stations, 24 miles of force main, and 52 miles of gravity interceptors. The CWPCF was placed into operation in 1979, provides secondary treatment, and is rated at a capacity of 32 MGD. Effluent is discharged into the Atlantic Ocean through an outfall diffuser located approximately 6,000 feet out from the shore of Seaside Park.

**Need for Project**

The subject project will assure the continuation of wastewater process by providing improvement to primary treatment, more efficient influent pumping and flow measurement, removal of inorganic material and grit, more even distribution of flow to in-service aeration tanks and more efficient pumping of low pressure service water.

**Project Description**

1.Main Influent Pumping Station a.Replace Pump No. 2 and Pump No. 3 b.Replace Motors on Pump No. 1 and No. 4 c.Install 4-new 4160 variable frequency drives, one per pump d.Interior 54-inch diameter and valve replacement e.Replacement exterior located buried of 54-inch diameter gate valves. 2.Grit Removal System a.Modification of Existing Aerated Grit Chamber No. 1, 2 and 3 with stacked tray unit plate settlers. b.Installation of Aerated Grit Chamber No. 4. c.Installation of New Grit Washing and Conveying System. 3.Primary Influent Distribution a.Installation of new 54-inch diameter primary distribution pipes w/mag meters b.Installation of new Primary Distribution Box and 36-inch diameter piping to primary clarifiers. 4.Replace existing 42-inch primary effluent distribution valve 5.Installation of flow measurement instruments at a aeration tanks. 6.Replacement of low pressure service water pumps. 7.Installation of new plant drain pipe and manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-27	Eligible Project Cost:	\$3,094,238
Rank:	69		
County:	Atlantic	Total State Amount:	\$3,094,238

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-27  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

69

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-26	Eligible Project Cost:	\$13,442,855
Rank:	69		
County:	Atlantic	Total State Amount:	\$13,442,855

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

69

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-25	Eligible Project Cost:	\$13,641,136
Rank:	69		
County:	Atlantic	Total State Amount:	\$13,641,136

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

69

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-23	Eligible Project Cost:	\$8,610,164
Rank:	69		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

69

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340399-09	Eligible Project Cost:	\$14,038,507
Rank:	70		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

70

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-07	Eligible Project Cost:	\$3,612,556
Rank:	71		
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**

71

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-02	Eligible Project Cost:	\$7,760,140
Rank:	72		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

72

**County**

Monmouth

**Existing Population**

78,706

**Service Area**

Eatontown Fair Haven Fort Monmouth Little Silver Monmouth Beach Oceanport Red Bank Rumson Sea Bright Shrewsbury  
Shrewsbury Township a portion of Tinton Falls West Long Branch

**Need for Project**

Upgrades at the Two Rivers Water Reclamation Authority Treatment Plant will improve reliability and productivity.

**Project Description**

The proposed project includes retrofitting the existing Sludge Processing System installation of a new Supervisory Control and Data Acquisition System throughout the Authoritys collection system installation of buoyancy prevention devices for plant clarifiers and installation of electrical devices to eliminate single point failures.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-08	Eligible Project Cost:	\$2,400,000
Rank:	73		
County:	Monmouth	Total State Amount:	\$2,400,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.078413
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.078413

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

73

**County**

Monmouth

**Existing Population**

78,413

**Service Area**

The service area for Two Rivers Water Reclamation Authority (TRWRA) includes its 6 member communities (Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury Borough, and West Long Branch), as well as, 6 customer communities including Rumson, Sea Bright, Shrewsbury Township, Tinton Falls, Eatontown and Red Bank. All communities are located within Monmouth County.

**Need for Project**

TRWRA's existing infrastructure is in need of rehabilitation and/or replacement. Existing components are nearing their life expectancy and in some cases in danger of imminent failure. Portions of the interceptor system being rehabilitated as part of Contract 169 are located in easement areas in forested/vegetative areas and various water bodies. Catastrophic failure of these components may result into spillage onto surrounding communities and environmentally sensitive areas impacting the health and safety of its member and customer communities.

**Project Description**

TRWRA proposes several contracts for improvements to its WWTP. Contract 183 Plant RAS Rehabilitation includes removal/replacement of existing Return Activated Sludge (RAS) piping located throughout the WWTP, as well as, installation of new magnetic flow meters and other appurtenances. Lastly, TRWRA proposes various electrical upgrades at its WWTP including new PLCs, VFDs and other miscellaneous electrical work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middletown Township Sewer Authority		
Project No.:	S340097-04	Eligible Project Cost:	\$19,834,947
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linden Roselle Sewerage Authority		
Project No.:	S340299-04	Eligible Project Cost:	\$12,027,071
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Linden Roselle Sewerage 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-05	Eligible Project Cost:	\$4,260,119
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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-06	Eligible Project Cost:	\$25,607,620
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 Northwest Resiliency Park (former BASF Property) is a multi-phase project that includes the acquisition, environmental investigation, design, planning, and construction of a 5.418 acre park in Northwest Hoboken. The project will serve a number of different purposes including but not limited to on-grade stormwater detention through green infrastructure, on-grade public park and open space, and sub-surface stormwater quantity and quality treatment. The sub-surface stormwater storage will be designed to receive approximately 1 million gallons of stormwater flows from a new high-level storm sewer system designed by the North Hudson Sewerage Authority (NHSA), treat for water quality, and either reuse for irrigation or pump to discharge through the existing NHSA outfall. The surface green infrastructure and on-site stormwater management measures will be designed to manage all stormwater falling on-site and on adjacent roadways to accommodate up to a 10 year, 12 hour rain event. The public park has been designed through a community planning process to include a multi-purpose athletic field, play areas, trees, lowland rain gardens, a central civic terrace, ice rink/fountain, and open space. The asphalt cap that currently serves as an engineering control pursuant to the approved Remedial Action Work Plans will be replaced with site specific engineering controls comprised of soil, visual and engineered barriers, and pavements. The property address is located at 1113-1131 Madison Street, Block 103 Lot 7 (1.148 acres) and 1201 Madison/1200 Adams Street, Block 107 Lot 1 (4.27 acres).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-07	Eligible Project Cost:	\$1,460,102
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-09	Eligible Project Cost:	\$429,550
Rank:	76		
County:	Hudson	Total State Amount:	\$429,550

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Hoboken City  
S340635-09  
Stormwater Management - Green Infrastructure

### Priority List Rank

76

### County

Hudson

### Existing Population

50,005

### Service Area

The project serves to reduce the volume of stormwater entering the combined sewer system owned and operated by the North Hudson Sewerage Authority, which is subject to an individual CSO permit from NJDEP. Therefore, the service area for the project includes the immediate areas surrounding the 4 right of way green infrastructure installations that will experience reduced localized street flooding during rainfall events, as well as the City of Hoboken and the greater NHSA service area that will benefit from improved water quality.

### Need for Project

The combined sewer system in Hoboken is overtaxed during rainfall events, resulting in CSO events up to five times per month. NHSA is developing a Long Term Control Plan to reduce CSO events and improve water quality, as required by its individual CSO permit from NJDEP. These right of way green infrastructure sites will benefit CSO-reduction efforts because they allow for the capture of local street drainage during a rainfall event through a porous pavement surface and existing roadway curb gutter, store the rainfall runoff volume in a subsurface detention tank during the peak of the storm, and then discharge through a pipe with a backflow preventer into the combined sewer system. CSO reduction will improve water quality by preventing the discharge of untreated combined sewage into the Hudson River.

### Project Description

Four right-of-way green infrastructure facilities recommended by the NJDEP Rebuild by Design Hudson River project will be installed on street segments that are adjacent to water main upgrades. As coded in the Rebuild by Design Hudson River Environmental Impact Statement and Feasibility Study, these are: T2-MON, T5-JEF, T1-GAR, and TD8-GAR. Collectively, these green infrastructure measures will detain up to 10,000 gallons of stormwater from entering the combined sewer system during rainfall events.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340399-20	Eligible Project Cost:	\$38,083,680
Rank:	77		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

77

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Laurel Township Municipal Utilities Authority		
Project No.:	S340943-06	Eligible Project Cost:	\$5,849,119
Rank:	78		
County:	Burlington	Total State Amount:	\$5,849,119

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200
			State Planning Commission	0
			Population	0.041864
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	850.041864

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Laurel Township Municipal Utilities Authority  
S340943-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

78

**County**

Burlington

**Existing Population**

41,864

**Service Area**

The service area of the project includes all of Mount Laurel Township.

**Need for Project**

The majority of the facilities at the Hartford Road WPCF are more than 20 years old and are in need of rehabilitation. Rehabilitation of the equipment and structures before they fail will avoid the possibility of a permit violation due to unforeseen equipment failures. The same reasoning applies to the rehabilitation of the off site pumping stations.

**Project Description**

Primary and secondary clarifier rehabilitation, conversion of warehouse to vehicle storage facility, belt filter press control panel replacement, heat tracing and insulation replacement, building roof replacements, Orbal aerator repairs, lightning protection, plant lighting replacement, conversion of storage building to plant laboratory, rehabilitation of two off-site sewage pumping stations and installation of PLC based monitoring system at 30 sewage pump stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ridgewood Village		
Project No.:	S340639-05	Eligible Project Cost:	\$2,075,987
Rank:	79		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ridgewood Village  
S340639-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

79

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cliffside Park Borough		
Project No.:	S340847-04	Eligible Project Cost:	\$4,915,537
Rank:	80		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

80

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren County (Pequest River) Municipal Utilities Authority		
Project No.:	S340454-05	Eligible Project Cost:	\$3,997,392
Rank:	81		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

81

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Riverton Borough		
Project No.:	S340275-01	Eligible Project Cost:	\$914,970
Rank:	82		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

82

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-13	Eligible Project Cost:	\$813,482
Rank:	83		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

83

**County**

Middlesex

**Existing Population**

50,814

**Service Area**

The proposed project is within the City of Perth Amboy and will serve only the City of Perth Amboy.

**Need for Project**

This project is to help reduce the flow of storm water going into the City's combine sewer system.

**Project Description**

The proposed project includes the installation of porous pavement for the paving of Parking Lots C and RDH with the purpose of reducing the flow of storm water into the city's combine sewer system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-02	Eligible Project Cost:	\$1,952,637
Rank:	84		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

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

### Priority List Rank

84

### 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 mgd mgd 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wrightstown Municipal Utilities Authority		
Project No.:	S340925-01	Eligible Project Cost:	\$3,866,213
Rank:	85		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

85

**County**

Burlington

**Existing Population**

3,150

**Service Area**

Wrightstown

**Need for Project**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City		
Project No.:	S340928-30	Eligible Project Cost:	\$2,710,730
Rank:	86		
County:	Hudson	Total State Amount:	\$2,710,730

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	810.247597

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Jersey City  
S340928-30  
Equipment Purchase (Clean Water)

### Priority List Rank

86

### County

Hudson

### Existing Population

247,597

### Service Area

(Project name: Stormwater Green Infrastructure - Street Cleaning for Clean Water) Jersey City DPW cleans 220.59 miles of municipal roads using mechanical and air street sweepers all year-round. Main thoroughfares are swept six times a week both sides on alternating days; while secondary roads are swept four times a week on alternating days. DPW street sweepers operate in densely populated neighborhoods that include six wards (A-F) with high volume of pedestrian and vehicular traffic. The greatest beneficiary of having street sweeping it helps water quality and street sweepers, particularly the vacuum models, remove fine particles and contaminants that would otherwise wash in to the storm sewers such as leaves and litter. The older models are less efficient and consequently have an influence on water quality and the environment.

### Need for Project

Jersey City is part of a coastal peninsula and includes tidally influenced watershed: the Hackensack Watershed, the Passaic River, the Rahway River/Arthur Kill/Kill Van Kull. DPW all year-round street sweeping prevented a total 3465.45 tonnage of debris in 2015-2016 to entering storm drains reaching our local waterways.

### Project Description

(Project name: Stormwater Infrastructure-Street Sweeping for Clean Water) The proposed project is to phased out the older models of street sweepers that are less efficient and consequently have an influence on water quality and the environment. Street sweeping is one method to prevent dirt and grit pollution from entering storm drains and reaching our local waterways. The newer sweepers will enhance the effectiveness of sweeping by reducing street-dirt yield. DPW proposed to purchase (6) RAVO 5ISeries Tier 3 Engine @ \$252,087.00 per vehicle with extended 5 year warranty included and (1) vacuum high pressure sewer cleaning trucks & associated equipment @ \$455,000.00 per vehicle. In addition, DPW proposed to purchase (7) sidewalk sweepers - Tennant ATL 4300 Diesel (Kubota D1105) @ \$41,631.36 per vehicle.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-35	Eligible Project Cost:	\$229,126
Rank:	87		
County:	Hudson	Total State Amount:	\$229,126

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.227584
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.227584

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Hudson Sewer Authority  
S340952-35  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

87

**County**

Hudson

**Existing Population**

227,584

**Service Area**

Population of the four municipalities served by NHSA : Hoboken, Union City, West New York, Weehawken. Basis: US Census Data

**Need for Project**

Replacement of deteriorated pump which has reached the end of its useful life at the Adams Street WWTP

**Project Description**

Replacement of Faulty Pump Equipment at the Adams Road WWTP



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-34	Eligible Project Cost:	\$1,114,630
Rank:	88		
County:	Hudson	Total State Amount:	\$1,114,630

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.227
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.227

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-34  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

88

**County**

Hudson

**Existing Population**

227,000

**Service Area**

The service area includes Hoboken, West New York, Weehawken and portions Union City. The population was estimated based on census data.

**Need for Project**

Project Improvements designed to improve the structural integrity of the combined sewer system.

**Project Description**

The project consists of Cured in Place Pipe Lining (CIPP). In addition the NHSA is proposing to clean and inspect two segments of the combined sewer, spot repair via open cut excavation seven separate locations and remove and replace one (1) manhole with a new precast concrete manhole.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-24	Eligible Project Cost:	\$2,330,694
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-25	Eligible Project Cost:	\$1,396,910
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-18	Eligible Project Cost:	\$510,792
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-23	Eligible Project Cost:	\$3,032,199
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-02	Eligible Project Cost:	\$30,948,777
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-21	Eligible Project Cost:	\$2,718,518
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-27	Eligible Project Cost:	\$500,308
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-22	Eligible Project Cost:	\$15,451,847
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### 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 (NJPDDES) 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-40	Eligible Project Cost:	\$11,300,000
Rank:	90		
County:	Hudson	Total State Amount:	\$11,300,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	0.192645
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.192645

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-40  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

90

**County**

Hudson

**Existing Population**

192,645

**Service Area**

The NHSA services townships/cities of Union City, Hoboken, Weehawken, and West New York

**Need for Project**

This project is proposed in compliance with the Long Term Control Plan to reduce combined sewer overflows to the Hudson River

**Project Description**

This project is being designed to alleviate the North Hudson Sewerage Authority's combined sewer system through the development of a new stormwater

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-32	Eligible Project Cost:	\$4,492,662
Rank:	91		
County:	Hudson	Total State Amount:	\$4,492,662

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.192349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.192349

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-32  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

91

**County**

Hudson

**Existing Population**

192,349

**Service Area**

The project is located in the City of Hoboken which is fully developed urban area CSO community. The land use is primarily residential.

**Need for Project**

Not applicable

**Project Description**

The installation of 960 linear feet of 42-inch diameter of combined sewer, the installation of 14 manholes, 17 inlets and the associated restoration of the roadway and surrounding area along Madison Avenue from 9th Street to 11th Street. The project also consists of the installation of 10 new access points and the rehabilitation of the trunk sewer from 11th Street to Hudson Street.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-33	Eligible Project Cost:	\$20,784,000
Rank:	91		
County:	Hudson	Total State Amount:	\$20,784,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	50
			Population	0.192349
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.192349

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Hudson Sewer Authority  
S340952-33  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

91

**County**

Hudson

**Existing Population**

192,349

**Service Area**

The service area consists of the City of Hoboken, the Township of Weehawken, the City of Union City and the Town of West New York.

**Need for Project**

no

**Project Description**

Phase 1 of the construction of a Pumping Station, Mech/Elec Controls Building, Vortex Grit Separators and Connection Points for Force Main and Gravity Influent Sewer



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-29	Eligible Project Cost:	\$1,199,640
Rank:	92		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

92

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-30	Eligible Project Cost:	\$2,454,000
Rank:	92		
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**

92

**County**

Hudson

**Existing Population**

180,687

**Service Area**

The Adams Street plant treats all of the sewage generated within the City of Hoboken, approximately 83% of the sewage generated in Weehawken and approximately 45 percent of that generated in Union City.

**Need for Project**

The secondary treatment process for the Adams Street WWTP has reached the end of its useful life and requires rehabilitation so the facility can comply with its permit limits.

**Project Description**

Includes Phase 3 of the rehabilitation of the Secondary Treatment System (PURAC): The work consists of furnishing and installing Dissolved air flotation equipment, filter underdrains, media and backwash troughs, filter valves and actuators, filter influent gates and actuators, instrument air and process air compressors, backwash air blowers, plant water system pumps and piping, sludge pumps, structural repairs and installations, painting, instrument and control systems modifications and improvements, and electrical system modifications and improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-28	Eligible Project Cost:	\$1,200,000
Rank:	92		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Hudson Sewer Authority  
S340952-28  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

92

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S345190-01	Eligible Project Cost:	\$3,000,000
Rank:	92		
County:	Hudson	Total State Amount:	\$3,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

**A. Water Use**

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

**B. Existing Water Quality.**

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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

92

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-31	Eligible Project Cost:	\$547,350
Rank:	92		
County:	Hudson	Total State Amount:	\$547,350

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-31  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

92

**County**

Hudson

**Existing Population**

180,687

**Service Area**

The North Hudson service area is completely developed area in Hudson County, New Jersey. The area is served by a combined sewers that discharges into the Hudson River. The land use is primarily residential with a high percentage of impervious coverage.

**Need for Project**

The project is part of the Authority's Long Term Control Plan.

**Project Description**

The project consists of the construction of rain gardens, porous pavement and stormwater planters at three locations in West New York, Union City and Weehawken, NJ.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-37	Eligible Project Cost:	\$5,400,000
Rank:	93		
County:	Hudson	Total State Amount:	\$5,400,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	0.18
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.18

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Hudson Sewer Authority  
S340952-37  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

93

**County**

Hudson

**Existing Population**

180,000

**Service Area**

The City of Hoboken, Town of Weehawken, City of Union City and Town of West New York

**Need for Project**

The project is required to mitigate flooding

**Project Description**

The reconstruction of 950-linear feet of 36-inch diameter combined sewer that will be supported on piles. The project also includes raising the elevation of the intersection of 9th Street and Madison. The project also includes the cleaning of the 11th Street trunk sewer and the construction of access points.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-38	Eligible Project Cost:	\$1,351,200
Rank:	93		
County:	Hudson	Total State Amount:	\$1,351,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	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	0.18
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.18

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Hudson Sewer Authority  
S340952-38  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

93

**County**

Hudson

**Existing Population**

180,000

**Service Area**

The NHSA Service Area includes City of Hoboken, Town of Weehawken, Town of West New York and Union City

**Need for Project**

An existing 72-inch outfall requires immediate attention and will require lining. This is a CSO outfall for the W1, W2, W3, and W4 drainage areas.

**Project Description**

The W1234 CSO Outfall requires emergency repair lining.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-39	Eligible Project Cost:	\$12,680,000
Rank:	93		
County:	Hudson	Total State Amount:	\$12,680,000

**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	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	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	0.18
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	800.18

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-39  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

93

**County**

Hudson

**Existing Population**

180,000

**Service Area**

The City of Hoboken, Township of Weehawken, City of Union City, and Town of West New York.

**Need for Project**

The project is required to mitigate flooding and sewer system surcharging.

**Project Description**

Due to combined sewer surcharges, areas of Weehawken on Highwood Avenue are surcharged. The NHSA will divert storm flow from contributing streets on El Dorado and Hudson Place and pump it into the combined sewer system of an adjacent drainage area on Boulevard East.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340820-04	Eligible Project Cost:	\$5,860,527
Rank:	94		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

94

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340652-01	Eligible Project Cost:	\$3,997,392
Rank:	95		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

95

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Riverside Sewerage Authority		
Project No.:	S340490-01	Eligible Project Cost:	\$410,205
Rank:	96		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Riverside Sewerage Authority  
S340490-01  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

96

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-35	Eligible Project Cost:	\$327,401
Rank:	97		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

97

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-36	Eligible Project Cost:	\$210,429
Rank:	97		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

97

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-01	Eligible Project Cost:	\$11,495,634
Rank:	98		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

98

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S345220-01	Eligible Project Cost:	\$920,504
Rank:	99		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Perth Amboy City  
S345220-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

99

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-19	Eligible Project Cost:	\$387,200
Rank:	99		
County:	Middlesex	Total State Amount:	\$387,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Perth Amboy City  
S340435-19  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

99

**County**

Middlesex

**Existing Population**

50,814

**Service Area**

The equipment is to be used within the City of Perth Amboy limits only.

**Need for Project**

This project is for the purchasing of a CCTV Video Pipeline Inspection System. The purchasing of this equipment will help with I/I investigation in the collection system, provide a system for documenting, assessing, tracking and addressing sewer conditions and the maximize use of the collection system for storage which potentially would help with reducing overflow events into the receiving waters. It will also help with the flushing of sewer mains which is essential for the system storage and improve system conveying capacity.

**Project Description**

This project is for the purchasing of a CCTV Video Pipeline Inspection System. The purchasing of this equipment will help with I/I investigation in the collection system, provide a system for documenting, assessing, tracking and addressing sewer conditions and the maximize use of the collection system for storage which potentially would help with reducing overflow events into the receiving waters. It will also help with the flushing of sewer mains which is essential for the system storage and improve system conveying capacity.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-14	Eligible Project Cost:	\$2,500,000
Rank:	99		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

99

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-11	Eligible Project Cost:	\$6,459,351
Rank:	99		
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**

99

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-16	Eligible Project Cost:	\$1,120,000
Rank:	99		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Perth Amboy City  
S340435-16  
Combined Sewer Overflow (CSO) - Green Infrastructure

**Priority List Rank**

99

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Milford Municipal Utilities Authority		
Project No.:	S340701-11	Eligible Project Cost:	\$9,189,254
Rank:	100		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

100

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Milford Municipal Utilities Authority		
Project No.:	S340701-12	Eligible Project Cost:	\$301,823
Rank:	100		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

100

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-12	Eligible Project Cost:	\$5,903,680
Rank:	101		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hackensack City  
S340923-12  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-13	Eligible Project Cost:	\$14,700,000
Rank:	101		
County:	Bergen	Total State Amount:	\$14,700,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-13  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Sewer Separation in parts of James, Clay and Court Streets

**Need for Project**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan must be completed by July 2020. Water quality based need for these projects are to reduce overflow occurrence and mitigate surcharge of CSOs by facilitating sewer separation of sanitary and storm sewers with an ultimate goal of not to exceed four (4) overflows per year.

**Project Description**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan (LTCP) must be completed by July 2020. The City is seeking financial assistance for the preparation, creation and implementation of the LTCP / System Characterization Report as well as CSO separation efforts for parts of James, Clay and Court Streets which will be constructed under three construction contracts to replace the existing drainage structures, and design new separated drainage improvements including inlets to increase storage capacity of stormwater, reducing the frequency of flooding and CSO discharging events. These projects incorporate consideration of future sewer separation in the region that will be included in the final conclusions of LTCP.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-16	Eligible Project Cost:	\$4,860,000
Rank:	101		
County:	Bergen	Total State Amount:	\$4,860,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-16  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Anderson and Court Street Drainage Areas to the west of Railroad Avenue and south of Passaic Street.

**Need for Project**

Reduction of Combined Sewer Overflows (CSOs) to the Hackensack River. Reduction of combined sewer surcharge within public rights-of-way and public/private properties.

**Project Description**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow Permit requirements, the City's Long Term Control Plan (LTCP) was submitted on October 1, 2020. Per the implementation schedule detailed in this document, for Year 2022 the anticipated activity is to, "Identify and construct additional localized partial sewer separation projects, if feasible, that are beneficial for the City to undertake." This project will consist of sewer separation efforts, including but not limited to, the design and installation of new separated storm and sanitary sewers along with the rehabilitation of existing sewers. These activities will take place near the border of the City's Anderson and Court Street Drainage Areas in the vicinity of Railroad Avenue. The improvements will provide linear stormwater storage while reducing combined sewer surcharge and overflows. It should be noted, green infrastructure will also be evaluated and implemented where necessary and beneficial.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-18	Eligible Project Cost:	\$7,875,000
Rank:	101		
County:	Bergen	Total State Amount:	\$7,875,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-18  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Court Street Drainage Area.

**Need for Project**

Reduction of Combined Sewer Overflows (CSOs) to the Hackensack River. Reduction of combined sewer surcharge within public rights-of-way and public/private properties.

**Project Description**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow Permit requirements, the City's Long Term Control Plan (LTCP) was submitted on October 1, 2020. Per the implementation schedule detailed in this document, for Year 2022 the anticipated activity is to, "Identify and construct additional localized partial sewer separation projects, if feasible, that are beneficial for the City to undertake." This project will consist of sewer separation efforts, including but not limited to, the design and installation of new separated storm and sanitary sewers along with the rehabilitation of existing sewers where necessary, and the construction of significant underground stormwater storage facilities to reduce flows to existing sewers. These activities will take place in the Court Street Drainage Area in the vicinity of Hackensack High School. The improvements will provide substantial stormwater storage while reducing combined sewer surcharge and overflows.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-19	Eligible Project Cost:	\$5,130,000
Rank:	101		
County:	Bergen	Total State Amount:	\$5,130,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-19  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Court Street Drainage Area between Main Street and Railroad Avenue.

**Need for Project**

Reduction of Combined Sewer Overflows (CSOs) to the Hackensack River. Reduction of combined sewer surcharge within public rights-of-way and public/private properties.

**Project Description**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow Permit requirements, the City's Long Term Control Plan (LTCP) was submitted on October 1, 2020. Per the implementation schedule detailed in this document, for Year 2022 the anticipated activity is to, "Identify and construct additional localized partial sewer separation projects, if feasible, that are beneficial for the City to undertake." This project will consist of sewer separation efforts, including but not limited to, the design and installation of new separated storm and sanitary sewers along with the rehabilitation of existing sewers and green infrastructure will also be evaluated and implemented where necessary and feasible. These activities will take place in the Court Street Drainage Area in the area between Main Street and Railroad Avenue. The improvements will provide stormwater storage and conveyance while reducing combined sewer surcharge and overflows.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-17	Eligible Project Cost:	\$7,425,000
Rank:	101		
County:	Bergen	Total State Amount:	\$7,425,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-17  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Court Street Drainage Area in the vicinity of Lodi Street and Green Street.

**Need for Project**

Reduction of Combined Sewer Overflows (CSOs) to the Hackensack River. Reduction of combined sewer surcharge within public rights-of-way and public/private properties.

**Project Description**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow Permit requirements, the City's Long Term Control Plan (LTCP) was submitted on October 1, 2020. Per the implementation schedule detailed in this document, for Year 2022 the anticipated activity is to, "Identify and construct additional localized partial sewer separation projects, if feasible, that are beneficial for the City to undertake." This project will consist of sewer separation efforts, including but not limited to, the design and installation of new separated storm and sanitary sewers, the rehabilitation of existing sewers where necessary, the connection into and upgrade of an existing pump station and green infrastructure where feasible. These activities will take place at the south of the Court Street Drainage Area near Lodi Street and continue until reaching the Hackensack River. The improvements will provide stormwater conveyance capacity to reduce combined sewer surcharge and overflows.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-14	Eligible Project Cost:	\$6,480,000
Rank:	101		
County:	Bergen	Total State Amount:	\$6,480,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-14  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

101

**County**

Bergen

**Existing Population**

43,010

**Service Area**

Sewer Separation Efforts to Support Main Street Redevelopment

**Need for Project**

Pursuant to New Jersey Pollutant Discharge Elimination System Combined Sewer Overflow permit requirements the City's Long Term Control Plan must be completed by July 2020. Water quality based need for these projects are to reduce overflow occurrence and mitigate surcharge of CSOs by facilitating sewer separation of sanitary and storm sewers with an ultimate goal of not to exceed four (4) overflows per year.

**Project Description**

Separation of the combined sewers on Main Street to facilitate Redevelopment



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-22	Eligible Project Cost:	\$526,800
Rank:	102		
County:	Hudson	Total State Amount:	\$526,800

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.248475
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.248475

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

102

**County**

Hudson

**Existing Population**

248,475

**Service Area**

Urban

**Need for Project**

To lessen CSO water outflows.

**Project Description**

Sections of deteriorating sidewalk will be removed and replaced with pervious surfaces that will recharge groundwater. Two existing downspouts will be directed into six pre-cast downspout planter boxes. The planter boxes will be equipped with perforated underdrains that will discharge to approximately 1760 square feet of pervious concrete sidewalk that will intercept treat and filter stormwater runoff from the rooftop. Portions of parking lot will be removed and replaced with permeable surfaces that promote groundwater recharge. Approximately 8540 square feet of porous asphalt parking spaces will be installed to intercept treat and filter stormwater runoff from the parking lot. Two rain gardens totaling 480 square feet will be installed in front of the building to capture stormwater runoff from the adjacent parking lot. Additionally three rain gardens totaling 1200 square feet will be installed along New Jersey 440 to intercept treat and filter stormwater runoff from a portion of the roadway.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-08	Eligible Project Cost:	\$1,640,997
Rank:	103		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

103

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Utilities Authority		
Project No.:	S340550-07	Eligible Project Cost:	\$1,054,062
Rank:	104		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

104

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-09	Eligible Project Cost:	\$6,000,000
Rank:	105		
County:	Somerset	Total State Amount:	\$6,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200
			State Planning Commission	0
			Population	0.149063
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	750.149063

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Somerset Raritan Valley Sewer Authority  
S340801-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

105

### County

Somerset

### Existing Population

149,063

### Service Area

Branchburg Township, Bridgewater Township, Hillsborough Township, Manville Borough, Raritan Borough, Somerville Borough, Warren Township and portions of Greenbrook via Warren.

### Need for Project

These treatment plant improvements are necessary to replace aging equipment and infrastructure for the continued uninterrupted operation of the Somerset Raritan Valley Sewerage Authority's (SRVSA) regional wastewater treatment plant. Interruptions to wastewater treatment plant operations could potentially result in discharge of partially- or untreated wastewater that would negatively impact surface water quality. These treatment plant improvements will help to minimize such treatment plant interruptions and aid in treatment plant operations that will be beneficial to maintaining water quality of the surrounding water bodies, including the Raritan River.

### Project Description

Description: This project includes the planning, design and construction of various treatment plant rehabilitation improvements at the Somerset Raritan Valley Sewerage Authority's (SRVSA's) regional wastewater treatment plant located in Bridgewater, Somerset County, New Jersey. These will include the following: 1. Replacement of an existing flat roof that has reached the end of its useful life with a new pitched roof structure on the Headworks Building. 2. Replacement of two existing grit collection systems in the Headworks Building that have reached the end of their useful life with two new grit collection systems. 3. Rehabilitation of existing plant-wide electrical systems, including motor control centers, conduits and conductors, as well as indoor and outdoor facility lighting that have reached the end of their useful life with new electrical systems. 4. Remediation of asbestos containing materials in Building 600 and Building 603



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-07	Eligible Project Cost:	\$14,834,451
Rank:	106		
County:	Somerset	Total State Amount:	\$14,834,451

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

**Project Name, Number**

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

**Priority List Rank**

106

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-04	Eligible Project Cost:	\$9,782,685
Rank:	107		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

107

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune Township Sewerage Authority		
Project No.:	S340410-05	Eligible Project Cost:	\$10,684,529
Rank:	108		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

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

**Priority List Rank**

108

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340463-05	Eligible Project Cost:	\$7,132,162
Rank:	109		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

109

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millville City		
Project No.:	S340921-07	Eligible Project Cost:	\$10,491,204
Rank:	110		
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**

110

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Municipal Utilities Authority		
Project No.:	S340446-09	Eligible Project Cost:	\$2,451,173
Rank:	111		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

111

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-01	Eligible Project Cost:	\$3,866,213
Rank:	112		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

112

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delran Township		
Project No.:	S340794-08	Eligible Project Cost:	\$1,874,782
Rank:	113		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

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

**Priority List Rank**

113

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delran Township		
Project No.:	S340794-11	Eligible Project Cost:	\$2,003,000
Rank:	113		
County:	Burlington	Total State Amount:	\$2,003,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

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

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

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

**A. Water Use**

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

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

**B. Existing Water Quality.**

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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Delran Township  
S340794-11  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

113

**County**

Burlington

**Existing Population**

16,896

**Service Area**

Township of Delran

**Need for Project**

The proposed plant improvements will enhance plant reliability and efficiency. Additionally, the project will reduce maintenance costs and decrease the likelihood of failures.

**Project Description**

The proposed project will consist of improvements to the Township of Delran's Wastewater Treatment Plant. These include upgrades to the plant service water system including new feed pumps, a service water storage tank, booster pumps and associated piping and electrical work. In addition, the improvements include replacement of existing over sized aeration blowers with new high efficiency turbo blowers and aeration operational controls.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-37	Eligible Project Cost:	\$107,091,640
Rank:	114		
County:	Essex	Total State Amount:	\$107,091,640

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-37  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

114

**County**

Essex

**Existing Population**

1,535,586

**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 project includes construction of a new Substation M adjacent to the area occupied by the Grit and Screenings and the Incinerator Buildings at the east end of the grit channels. The project will also include the relocation of PVSC's Emergency Generator, new duct bank and manhole system to augment and replace the existing Substation M power supply and distribution system. To accommodate the new substation the existing access roads will be removed or relocated and new parking areas will also be constructed. This project also includes Headworks Reconstruction (increased scope from 689-47) including construction of a new Grit and Screenings Building, reconstruction of the grit sumps, installation of grit pumps, cyclone degritters, screw type classifiers, conveyors, screenings compactors and expansion of the existing bar screens and improvements to all electrical, HVAC and auxiliary equipment. The improvements also include a new grit and screenings unloading stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-47	Eligible Project Cost:	\$94,965,434
Rank:	114		
County:	Essex	Total State Amount:	\$94,965,434

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-47  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

114

**County**

Essex

**Existing Population**

1,535,586

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Passaic and Union Counties.

**Need for Project**

The project is to reconstruct PVSC's preliminary treatment processes to continue to maintain its ability to remove debris and grit from the wastewater flow. It is also one component of the PVSC's treatment plant improvements to increase its ability to treat wet weather flows to reduce CSOs. This project will also raise all equipment to higher elevations, reducing the risk of flood damage.

**Project Description**

This Headworks Reconstruction Project includes, but is not limited to, construction of a new Grit and Screenings Building, including the reconstruction of the grit sumps, installation of grit pumps, cyclone degritters, screw type classifiers, conveyors, screenings compactors and expansion of the existing bar screens. The project also includes improvements to all electrical, hvac and auxiliary equipment. The improvements also includes a new grit and screenings unloading stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-48	Eligible Project Cost:	\$900,410
Rank:	114		
County:	Essex	Total State Amount:	\$900,410

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-48  
Equipment Purchase (Clean Water)

**Priority List Rank**

114

**County**

Essex

**Existing Population**

1,535,586

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties.

**Need for Project**

PVSC owns and operates a 330 MGD wastewater treatment plant, two pump stations and approximately 22 miles of intercepting sewers. The crane is being procured for use in maintaining the operation of the PVSC owned treatment plant and collection system.

**Project Description**

Crane procurement for use by PVSC to maintain its treatment plant and collection system operations.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-58	Eligible Project Cost:	\$79,066,476
Rank:	114		
County:	Essex	Total State Amount:	\$79,066,476

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.535586

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-58  
Flood Resiliency

**Priority List Rank**

114

**County**

Essex

**Existing Population**

1,535,586

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties

**Need for Project**

The project will ensure reliable operations of the wastewater treatment facilities by replacing equipment that has reached the end of its useful life and would be overloaded when the Standby Power Generation Facility is operated in parallel with the utility power.. This project will ensure continuous wastewater treatment plant operations during storm events by providing reliable power distribution to both the wastewater treatment processes.

**Project Description**

In the wake of Superstorm Sandy, many of Passaic Valley Sewerage Commissions (PVSCs) facilities suffered extensive damage due to flood waters that submerged much of the plant. In response, PVSC is undertaking a multifaceted program to protect the facility against major flooding events up to a 100-year storm. A short circuit, load flow and motor starting analysis report completed in 2019 revealed multiple electric switchgear would exceed their device capabilities upon completion of the Standby Power Generation Facility (SPGF) when the SPGF is operated in parallel with the electric power utility: The Advanced Electrical II (AE II) project will replace the switchgear with new intelligent switchgear and also replace other impacted electrical equipment. The project will be divided into two contracts. An equipment procurement contract and a construction contract.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-44	Eligible Project Cost:	\$852,605
Rank:	115		
County:	Bergen	Total State Amount:	\$852,605

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.513259

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-44  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

115

**County**

Bergen

**Existing Population**

1,513,259

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union counties.

**Need for Project**

The Wallington Pump Station is an integral part of the PVSC collection and conveyance system to the treatment plant. The pump station requires upgrades to continue reliable operation.

**Project Description**

The purpose of this project is modernize the Wallington Pump Station so that the pumping station is more reliable, safer and less costly to operate and maintain. This project consists of rehabilitation and improvements to PVSC's Wallington Pump Station, including but not necessarily limited to, mechanical, structural, electrical and security improvements including updates to the pumps, wet well improvements, control system upgrades, building improvements and emergency generator relocation.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-55	Eligible Project Cost:	\$9,288,380
Rank:	116		
County:	Essex	Total State Amount:	\$9,288,380

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	1.509654
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.509654

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-55  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

116

**County**

Essex

**Existing Population**

1,509,654

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union counties

**Need for Project**

The Passaic Valley Sewerage Commission wastewater treatment facility reliably treats wastewater from approximately 1.5 million people, 200 significant industrial users (SIU) and 5,000 commercial users. The wastewater processes are interconnected by process piping. This piping is critical to reliable treatment plant operations and the ability to meet the facilities NJPDES Permit. The process piping is reaching the end of its useful life and in order to be able to provide continuous wastewater treatment, the piping needs to be evaluated and either be rehabilitated or replaced.

**Project Description**

The Passaic Valley Sewerage Commission has a series of Utility Tunnels that connect the various process areas and houses much of the process piping to interconnect the unit processes. The piping was installed and placed into service circa 1980. The piping varies in size and materials of construction including various lining systems. Although well maintained, the piping was evaluated via ultrasonic testing which identified potential issues due to normal "wear and tear". The project will further evaluate the condition of the piping and provide recommendations to rehabilitate or replace the lines. Design documents will be prepared based on the recommendations. A contractor will be engaged via the public bidding process and the lines will be rehabilitated. Also as part of the project, the pipe couplings that have experienced corrosion will be replaced.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-52	Eligible Project Cost:	\$66,477,527
Rank:	116		
County:	Essex	Total State Amount:	\$66,477,527

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	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	1.509654
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.509654

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-52  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

116

**County**

Essex

**Existing Population**

1,509,654

**Service Area**

PVSC Serves 48 municipalities in parts of Bergen, Essex, Hudson Passaic and Union counties

**Need for Project**

The project will ensure reliable operations of the wastewater treatment facilities by replacing equipment that has reached the end of its useful life and also provided new feeders from both the utility power (PSE&G) and the Standby Power Generation Facility. This project will ensure continuous wastewater treatment plant operations during storm events by providing reliable power distribution to both the wastewater treatment processes and the Stormwater Pumping Stations.

**Project Description**

Improvements and Upgrades to the Electrical Switchgear Equipment and Power Distribution around the Wastewater Treatment Facility. This project is part of a multi-faceted flood resiliency program that is being implemented to protect the facility against major flooding. The electrical system will be designed to support the existing wastewater treatment processes and the new stormwater pumping stations that are part of the flood resiliency program. The power sources that will be distributed will be both the PSE&G Utility Service and the Standby Power Plant. The Standby Power Plant which is also part of the flood resiliency program will be utilized when the utility service is disrupted.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-53	Eligible Project Cost:	\$16,843,200
Rank:	116		
County:	Essex	Total State Amount:	\$16,843,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater 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	1.509654
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.509654

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-53  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

116

**County**

Essex

**Existing Population**

1,509,654

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic, and Union counties

**Need for Project**

PVSC utilizes an in-plant Supervisory Control and Data Acquisition (SCADA) system comprised of Programmable Logic Controllers (PLCs), Human Machine Interface (HMI) components and associated communications network infrastructure. Parts of the in-plant SCADA system are nearing the end of their useful lifecycle. Other parts of the SCADA system were damaged during Super-storm Sandy and may not have been fully repaired or replaced. In addition, institutional SCADA knowledge has been lost over time. PVSC developed a comprehensive SCADA Master Plan to guide them toward achieving their operational vision and goals through leveraging the use of SCADA and related systems. The new SCADA system will ensure that PVSC continues to reliably treat wastewater efficiently and continue to meet the requirements of their NJPDES Permit.

**Project Description**

The project is a plantwide SCADA Improvements project. The work involves replacing existing control equipment that has reached the end of its useful life. The project will provide a more efficient and reliable control system to monitor and control the wastewater treatment processes. It will be divided into multiple contracts that will be bid at separate times.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-56	Eligible Project Cost:	\$5,940,000
Rank:	116		
County:	Essex	Total State Amount:	\$5,940,000

**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	1.509654
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.509654

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Passaic Valley Sewerage Commission  
S340689-56  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

116

### County

Essex

### Existing Population

1,509,654

### Service Area

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties

### Need for Project

The Passaic Valley Sewerage Commission wastewater treatment facility reliably treats wastewater from approximately 1.5 million people, 200 significant industrial users (SIU) and 5,000 commercial users. The Oxygenation Tanks are critical part of the biological wastewater treatment process and reliable treatment plant operations is necessary for PVSC to meet the facilities NJPDES Permit. The concrete tanks and joints are in need of evaluation and repair. The process equipment, valves and piping have reached the end of their useful life and in need of replacement. In addition the mixers are inefficient and it is believed that large amounts of grit is accumulating in the tanks which takes away useable volume in the tanks which can cause an increase in the demand for oxygen.

### Project Description

PVSC's Oxygenation Tanks Facility was constructed in 1980, with upgrades and improvements in 2007 and 2012, and consists of 12 concrete tanks with 4 stages each. Each stage is 58 feet square with an average side water depth of 29.94 feet with a total volume of 3.01 million gallons per tank. Flow from the Oxygenation Tanks Influent Conduit enters the tank in the center of the A Stage, flow follows a zig zag pattern passing through to stages B, C and D via a 10 ft. wide by 11 ft. tall opening between each stage. The work included in this project consists of an assessment and rehabilitation of the concrete, expansion joints, influent oxygen feed valves, vent valves, mixing system and the instrumentation and controls system at the existing Oxygenation Tanks Facility. The existing mixers draw a large amount of electricity. More energy efficient mixers will be evaluated.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-40	Eligible Project Cost:	\$122,842,891
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-40  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

117

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-38	Eligible Project Cost:	\$18,974,800
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-38  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

117

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-23	Eligible Project Cost:	\$149,620,317
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-23  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

117

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S345200-01	Eligible Project Cost:	\$7,551,288
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S345200-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

117

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-39	Eligible Project Cost:	\$4,222,000
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-39  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

117

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S345200-02	Eligible Project Cost:	\$2,000,000
Rank:	117		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S345200-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

117

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-51	Eligible Project Cost:	\$39,087,360
Rank:	118		
County:	Essex	Total State Amount:	\$39,087,360

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.465378
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.465378

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-51  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

118

**County**

Essex

**Existing Population**

1,465,378

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic, and Union Counties.

**Need for Project**

The project will increase the wet weather treatment capacity from the current 400 MGD up to 720 MGD to reduce combined sewer overflow discharge volumes within the PVSC district. Additionally, the rerouting of the sludge train recycle streams will increase treatment plant stability in both wet and dry weather conditions for improved treatment plant performance.

**Project Description**

This project includes the design and construction of a secondary bypass to increase wet treatment capacity from the current 400 MGD up to 720 MGD for the reduction of CSO discharge volumes. The project includes, but is not limited to, the construction of a primary bypass and the re-routing of the sludge train recycle streams from the secondary processes to the primary clarifiers for improved plant performance during wet and dry weather conditions.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-49	Eligible Project Cost:	\$159,857,600
Rank:	119		
County:	Essex	Total State Amount:	\$159,857,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.409904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.409904

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-49  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

119

**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**

This Project consists of three components: 1) construction of a flood wall at its 140+ acre regional wastewater treatment facility located at 600 Wilson Avenue, Newark, New Jersey to mitigate against the future risk of storm damage and consequent risk of service disruption. 2) upgrade the existing storm water drainage system that will consist of a network of pipes throughout the plant ranging in sizes from 12" to 72" in diameter on pile supported foundations. and 3) to mitigate against future storm rain events and remove the water within the new flood wall, three pumping stations will be constructed. The pump stations will be provided on the east (2 No.) and west (1 No.) side of the treatment plant. Each pumping station will consist of pile supported reinforced concrete structures, mechanical pumps and electrical equipment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-34	Eligible Project Cost:	\$2,844,687
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-34  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

120

**County**

Essex

**Existing Population**

1,350,000

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Passaic and Union Counties.

**Need for Project**

9 of the PVSC's 48 municipalities have combined sewer systems (CSS) and combined sewer overflow (CSO) discharges to the area waterways, including the Passaic, Hackensack and Hudson Rivers and the Newark Bay. This project is one component of PVSC's plant wide improvements to increase PVSC's wet weather treatment capacity and reduce the volume of CSO discharges.

**Project Description**

The Waste Pump Expansion project is one component of PVSCs Plant Wide Improvements to increase its wet weather treatment capacity to reduce the volume of CSO discharges. The project will be purchasing and installing new pumps valves piping flow meters process control sampling and monitoring equipment and providing electrical improvements as necessary to accommodate the new style pumps. Improvements to address hydraulic issues and improve pump operational characteristics are also being included in the project.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-29	Eligible Project Cost:	\$60,117,586
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-29  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

120

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-33	Eligible Project Cost:	\$5,921,310
Rank:	120		
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**

120

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-28	Eligible Project Cost:	\$3,340,073
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-28  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

120

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-25	Eligible Project Cost:	\$9,070,281
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-25  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

120

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-26	Eligible Project Cost:	\$58,205,014
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-26  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

120

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-30	Eligible Project Cost:	\$1,733,643
Rank:	120		
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**

120

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-24	Eligible Project Cost:	\$17,986,421
Rank:	120		
County:	Essex	Total State Amount:	\$17,986,421

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.35
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.35

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-24  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

120

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-31	Eligible Project Cost:	\$1,780,655
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-31  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

120

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-32	Eligible Project Cost:	\$1,804,876
Rank:	120		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-32  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

120

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-09	Eligible Project Cost:	\$2,718,518
Rank:	121		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-09  
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) 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-16	Eligible Project Cost:	\$3,753,040
Rank:	122		
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**

122

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-13	Eligible Project Cost:	\$5,177,348
Rank:	122		
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**

122

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Windsor Municipal Utilities Authority		
Project No.:	S340536-08	Eligible Project Cost:	\$12,293,391
Rank:	123		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

East Windsor Municipal Utilities Authority  
S340536-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

123

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-02	Eligible Project Cost:	\$7,211,095
Rank:	124		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pennsville Sewerage Authority  
S340870-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

124

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-05	Eligible Project Cost:	\$3,951,710
Rank:	125		
County:	Salem	Total State Amount:	\$3,951,710

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING 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	0.013409
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.013409

**Project Name, Number**

Pennsville Sewerage Authority  
S340870-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

125

**County**

Salem

**Existing Population**

13,409

**Service Area**

The Township estimated population is 13,900 residents, based on the 2010 census and interpolated data as indicated in the planning document. The sanitary sewer collection system is owned and maintained by the Pennsville Sewerage Authority (PSA). Sanitary sewer generated by the Township is conveyed to the Authority's WWTP for treatment.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the PSA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption, chemical leaching and accidental discharges from aging infrastructure. The need for improvements has been identified as a result of aging wastewater treatment infrastructure. As wastewater treatment equipment deteriorates over time, the potential for wastewater spillage or the discharge of insufficiently treated water into the Delaware River grows. Overall the proposed work will enable PSA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

**Project Description**

Contract No.1, RBC Project: In the 1980's, the PSA installed six (6) RBC units following its primary treatment process at the WWTP to support its secondary biological treatment. The PSA has been maintaining and rebuilding these units for many years, and the overall structural integrity of the units has deteriorated to the point that the units are reaching the end of their service life. Consequently, the Authority recently replaced one (1) of the RBC units within the last couple of years and has decided to replace the remaining five (5) units. Contract No.2, Sludge Thickening System Project: The sludge thickening system is necessary to support the treatment operations and facilitates the removal of sludge from the WWTP. The Authority is planning to complete improvements to the system consisting of the rehabilitation of the sludge feed station, construction of new sludge thickener tank and sludge discharge pump.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-05	Eligible Project Cost:	\$1,114,504
Rank:	126		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Harrison Township  
S340362-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

126

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340526-06	Eligible Project Cost:	\$2,294,564
Rank:	127		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340526-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

127

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Beach Haven Borough		
Project No.:	S344220-01	Eligible Project Cost:	\$2,038,640
Rank:	128		
County:	Ocean	Total State Amount:	\$2,038,640

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points  
0-200

Points Scored  
200

**II. PROJECT DISCHARGE TYPE**

Possible Points

Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points

Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00117
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	725.00117

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Beach Haven Borough  
S344220-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

128

**County**

Ocean

**Existing Population**

1,170

**Service Area**

The project will directly impact the drainage area between 10th Street and 7th Street east of Bay Avenue to the Bayfront. Additionally, this area is the main business district of the municipality and the continued instances of flooding are negatively affecting local commerce and tourism to the area.

**Need for Project**

At the present time, rain and flood waters from the Bay are deposited on the local streets where pollutants contaminate the water prior to it being drained back to the Manahawkin Bay. As part of the proposed project herein, two (2) manufactured treatment devices (MTD) will be installed. MTD's are proprietary stormwater treatment systems used to address the stormwater quality impacts of land development. Since this project is receiving New Jersey Environmental Infrastructure Financing Program (NJEIFP) funding, the MTD's will either be NJCAT verified and NJDEP certified or installed using the NJEIFP MTD Funding Policy.

**Project Description**

Applicant proposes to remove existing storm pipe and replace with approximately 4000 LF of new 18" HDPE pipe as well as install two (2) stormwater pumps at 7th Street and 10th Street along with two (2) manufactured treatment devices and inline tide valves.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Phillipsburg Town		
Project No.:	S340874-09	Eligible Project Cost:	\$3,123,000
Rank:	129		
County:	Warren	Total State Amount:	\$3,123,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	200

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.01495
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	715.01495

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Phillipsburg Town  
S340874-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

129

**County**

Warren

**Existing Population**

14,950

**Service Area**

The service area for the project includes Phillipsburg and the four outlying districts - Greenwich Township, Pohatcong Township, Lopatcong Township and Alpha Borough

**Need for Project**

N/A

**Project Description**

The Town of Phillipsburg is proposing to upgrade their regional wastewater treatment plant in an effort to improve energy efficiency and to improve air quality by treating odors being emitted by the sludge processing component of the treatment plant process

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Logan Township Municipal Utilities Authority		
Project No.:	S340123-02	Eligible Project Cost:	\$9,948,000
Rank:	130		
County:	Gloucester	Total State Amount:	\$9,948,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	200

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.2256
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	700.2256

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Logan Township Municipal Utilities Authority  
S340123-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

130

**County**

Gloucester

**Existing Population**

225,600

**Service Area**

The service area includes Logan Township and a portion of Woolwich Township, consistent with the Gloucester County Wastewater Management Plan.

**Need for Project**

Replacement and improvement of aging infrastructure is required to enable reliable performance and water quality protection into the future

**Project Description**

This project will replace and improve critical aging infrastructure to ensure reliable performance and water quality protection into the future. The specific components of the LTMUA system that will be improved include the plant headworks system, effluent pumping system, effluent force main, Pumping Station No. 12 and the entrance road to the plant. This project does not include a capacity expansion of the plant.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-08	Eligible Project Cost:	\$1,784,806
Rank:	131		
County:	Camden	Total State Amount:	\$1,784,806

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.011456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	665.011456

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Gloucester City  
S340958-08  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

131

**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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-22	Eligible Project Cost:	\$5,690,000
Rank:	132		
County:	Bergen	Total State Amount:	\$5,690,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-22  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

132

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

The BCUA intends to conduct a plant-wide facility assessment of the Little Ferry Water Pollution Control Facility (WPCF) and offsite pump stations to identify capital needs of antiquated equipment and/or process improvements. The assessment will be used to plan capital financing with emphasis to repair/replace critical assets. The preliminary findings indicate capital improvements to the components of the aeration tanks, bar screen, and Harrington Park Actuators .

### Project Description

Conduct a plant-wide facility assessment of the Little Ferry Water Pollution Control Facility and offsite pump stations and identify areas in need of improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-23	Eligible Project Cost:	\$17,820,000
Rank:	132		
County:	Bergen	Total State Amount:	\$17,820,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-23  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

132

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

Several improvements were identified from an evaluation to increase the volatile solids reduction, reduce sludge volume, and maximize biogas production. The recommended improvements to be implemented are adding 3 sludge pre-heating heat exchangers, each rated at 3.0 MBtu/hr, including adding a 1,800 gpm sludge recirculation pump, with grinder and VFDs; replacing 4 external heat exchangers and one internal heat piping system with 5 new external heat exchangers, replacing existing mixers with new mixers, cleaning 5 tanks, conducting structural inspection, replacing 4 digester centrifugal sludge recirculation pumps with positive displacement sludge pumps with; adding 1 positive displacement sludge transfer pump adding two 400 scfm variable speed gas compressor system with cooling to convey biogas to Cogen Engines; providing new natural gas feed line to the existing CoGen engines and various other improvements.

### Project Description

The sludge digester improvements are located within the Little Ferry Water Pollution Control Facilities, located at Little Ferry, NJ.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-20	Eligible Project Cost:	\$9,000,000
Rank:	132		
County:	Bergen	Total State Amount:	\$9,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-20  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

132

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

The primary settling tanks and pipe galleries have developed cracks most likely due to settlement. BCUA will conducting an assessment to determine the cause of the cracks and develop a permanent solution. Due to the settlements, it may be necessary to underpin the entire tank.

### Project Description

This project includes improvements to Primary Settling Tanks and associated Pipe Galleries at the Little Ferry Water Pollution Control Facilities.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-19	Eligible Project Cost:	\$3,240,000
Rank:	132		
County:	Bergen	Total State Amount:	\$3,240,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-19  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

132

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

To maintain continuous pumping stations and Plant operations during extreme weather events, improvements to the building roofs, windows , and access roads are needed to protect critical assets. Some of the critical assets are located at offsite pump stations, switchgear building, screening buildings, and other buildings with critical assets as well as Sludge Holding tanks access road.

### Project Description

With extreme weather events over recent years, infrastructure protecting critical asset has deteriorated and needs improving.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-21	Eligible Project Cost:	\$1,920,000
Rank:	132		
County:	Bergen	Total State Amount:	\$1,920,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-21  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

132

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

The BCUA has 16 FSTs that at or approaching end of its useful life. Various improvements are needed to maintain effluent criteria.

### Project Description

Rehabilitation of Final Settling Tanks at the Little Ferry WPCF that includes sluice gates, effluent weir plates, troughs, scum skimmers and various other tank improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-24	Eligible Project Cost:	\$1,950,000
Rank:	132		
County:	Bergen	Total State Amount:	\$1,950,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340386-24

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

132

**County**

Bergen

**Existing Population**

563,365

**Service Area**

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

**Need for Project**

The BCUA has completed a study of the aeration tank headers and identified some of them to be inoperable. They are in need of repair and/or replacement to get them fully functional.

**Project Description**

The Little Ferry WPCF aeration tank headers need to be replaced.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-09	Eligible Project Cost:	\$31,783,125
Rank:	133		
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**

133

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-12	Eligible Project Cost:	\$13,000,360
Rank:	133		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340386-12  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

133

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-11	Eligible Project Cost:	\$15,439,092
Rank:	133		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-11  
Sludge Treatment/Disposal Facilities

### Priority List Rank

133

### County

Bergen

### Existing Population

491,140

### Service Area

Service Area: The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Ha

### Need for Project

Based on findings from an evaluation of the existing five anaerobic sludge digesters performed by Alaimo Group, several improvements were identified to increase the volatile solids reduction, reduce sludge volume, and maximize biogas production which serves as the fuel source for the aeration blowers, cogeneration engines, and hot water boilers. The recommended improvements consist of adding new sludge preheating heat exchangers, new digester membrane gas storage units, digester gas compressors, hot water pump, temperature monitoring equipment, and flow meters as well as replacing existing digester sludge recirculation pumps.

### Project Description

(Carryover SFY2015) - The proposed project includes various improvements at the Little Ferry Water Pollution Control Facility. The improvements include a new centralized polymer building a new clarified effluent water sysytem sludge digester system improvements and second phase security improvements. The project also includes construction of two biogas storage tanks including gas bag steel tank foundation piles valve vault site work instrumentation and electrical work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-18	Eligible Project Cost:	\$2,491,339
Rank:	133		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-18  
Sanitary Sewer System Rehabilitation

### Priority List Rank

133

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-16	Eligible Project Cost:	\$19,537,263
Rank:	133		
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**

133

**County**

Bergen

**Existing Population**

491,140

**Service Area**

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

**Need for Project**

The proposed project includes dry flood proofing wall apertures that are considered potential sources of water infiltration, where appropriate, raising of grating wall height and air intakes, and installation of flood resistant doors or barricades at entrances. Installation of flood walls along the exterior of buildings and installation of submarine doors are also proposed. Holes and the inside of conduits, as well as the conduit or pipe penetration, through walls, ceilings, and floors, as appropriate, will be sealed. Attempts will also be made to seal any significant cracks that are identified. Electrical assets and instrumentation will be raised above the design flood elevation (DFE). Assets that cannot be raised will be replaced with submersible units or placed in NEMA 6 enclosures. For Grit Building No. 2 new electrical and instrumentation assets will be installed in NEMA 4X enclosures above the DFE. Wiring and conduit will be replaced with materials rated for wet locations.

**Project Description**

The proposed project includes various repairs at the Little Ferry Water Pollution Control Facility due to damage from Superstorm Sandy. The scope includes repairs to equipment in the following areas Main Pump Station Substations Conveyance Disinfection Primary Sludge Removal Blowers Grit Removal Secondary Sludge Pumping Stations Sludge Processing Control Building Administrative Building Operations and Support Security entrance and Pump Station.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-15	Eligible Project Cost:	\$42,094,280
Rank:	133		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-15  
Energy Efficiency / Renewable Energy

### Priority List Rank

133

### 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-14	Eligible Project Cost:	\$54,172,587
Rank:	133		
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**

133

**County**

Bergen

**Existing Population**

491,140

**Service Area**

The BCUA's Service Area consists of 47 municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack, Ridgefield

**Need for Project**

The proposed project includes various repairs at the Little Ferry Water Pollution Control Facility due to damage from Superstorm Sandy. The scope includes repairs to equipment in the following areas: Main Pump Station, Substations, Conveyance, Disinfection, Primary Sludge Removal, Blowers, Grit Removal, Secondary Sludge Pumping Stations, Sludge Processing, Control Building, Administrative Building, Operations and Support, Security entrance and Pump Station.

**Project Description**

The proposed project includes dry flood proofing wall apertures that are considered potential sources of water infiltration where appropriate raising of grating wall height and air intakes and installation of flood resistant doors or barricades at entrances. Installation of flood walls along the exterior of buildings and installation of submarine doors are also proposed. Holes and the inside of conduits as well as the conduit or pipe penetration through walls ceilings and floors as appropriate will be sealed. Attempts will also be made to seal any significant cracks that are identified. Electrical assets and instrumentation will be raised above the design flood elevation (DFE). Assets that cannot be raised will be replaced with submersible units or placed in NEMA 6 enclosures. For Grit Building No. 2 new electrical and instrumentation assets will be installed in NEMA 4X enclosures above the DFE. Wiring and conduit will be replaced with materials rated for wet locations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linden Roselle Sewerage Authority		
Project No.:	S340299-09	Eligible Project Cost:	\$1,978,605
Rank:	134		
County:	Union	Total State Amount:	\$1,978,605

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.063976
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.063976

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Linden Roselle Sewerage Authority  
S340299-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

134

**County**

Union

**Existing Population**

63,976

**Service Area**

The service area for the Linden Roselle Sewerage Authority encompasses the Borough of Roselle and the City of Linden, both municipalities located within Union County.

**Need for Project**

The proposed improvements are necessary to maintain the existing buildings that house the Authority's personnel and treatment process. Further deterioration may result in potential safety hazards to personnel and/or disruptions to service if the treatment processes housed in the various buildings selected for improvement are impacted as a result of the ongoing building deterioration.

**Project Description**

Linden Roselle Sewerage Authority proposes various structural repairs to the facade and roofing of various existing buildings within its sewage treatment facility that house both personnel and various treatment processes. The proposed repair and rehabilitation work includes removal and replacement of existing roofing material, and re-pointing and replacement of the brick facade. Other improvements include installation of a new high pressure water effluent piping and yard hydrants and miscellaneous roadway and site improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linden Roselle Sewerage Authority		
Project No.:	S340299-08	Eligible Project Cost:	\$16,800,000
Rank:	135		
County:	Union	Total State Amount:	\$16,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150
			State Planning Commission	0
			Population	0.061584
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.061584

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Linden Roselle Sewerage Authority  
S340299-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

135

**County**

Union

**Existing Population**

61,584

**Service Area**

City of Linden 40,499 Borough of Roselle 21,085

**Need for Project**

These capital improvements are necessary to replace and/or elevate aging equipment and infrastructure for the continued uninterrupted operation of the Linden Roselle Sewerage Authority's (LRSA) wastewater treatment plant. Interruptions to wastewater treatment plant operations, such as due to equipment malfunction, flooding or power outages, could potentially result in discharge of partially- or un-treated wastewater that would negatively impact surface water quality. These capital improvements will help to minimize such treatment plant interruptions and aid in treatment plant operations that will be beneficial to maintaining water quality of the surrounding water bodies, including the Arthur Kill.

**Project Description**

Five separate projects: Flood Hardening Raising/ replacing transformers, flood protection measures around electrical switchgear, generators and equipment, adding flood doors at several facilities, wrapping buildings with dry flood-proofing, relocating electrical conduits. Gravity Thickener Upgrade Replace sludge collection mechanism in the gravity thickener and replace the cover over the thickener. Screening Conveyance Provide automated screenings conveyors at Screen House to convey to grade, the screenings removed from the WW process eliminating the manual handling of the screenings containers. UV Disinfection Facility Upgrade UV disinfection facility upgrade and elevate outside the flood elevation; relocate existing electrical motor control center from basement to above the flood elevation. Electrical Switchgear/ Automatic Transfer Switch Replace electrical switchgear; provide automatic transfer switch to switch the facilities to emergency power during power outages.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester City		
Project No.:	S345090-01	Eligible Project Cost:	\$0
Rank:	136		
County:	Camden	Total State Amount:	\$0

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.0114
BDA Points				0
Transit Villages				0
TOTAL POINTS				650.0114

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Gloucester City  
S345090-01  
Combined Sewer Overflow (CSO) - Traditional Infrastructure

**Priority List Rank**

136

**County**

Camden

**Existing Population**

11,400

**Service Area**

Gloucester City

**Need for Project**

CSO asset management plan as required by NJPDES Permit

**Project Description**

Development of Asset Management Plan for Gloucester City CSO sewer system assets



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-09	Eligible Project Cost:	\$711,320
Rank:	137		
County:	Hunterdon	Total State Amount:	\$711,320

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	150

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	650.004906

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Lambertville Municipal Utilities Authority  
S340882-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

137

### County

Hunterdon

### Existing Population

4,906

### Service Area

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities:  City of Lambertville  Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

### Need for Project

Water quality will be improved as a result of this project because potential wastewater discharges will be minimized or eliminated through the replacement and rehabilitation of wastewater treatment plant (WWTP) equipment and infrastructure that has reached the end of its useful life. In addition, WWTP service interruptions will be minimized and WWTP operations will be optimized.

### Project Description

Roof replacements, purchase of replacement clarifier mechanisms, rehabilitation of chemical building, repavement of plant area and access road, and repair of drain lines in control building and BFP building

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-01	Eligible Project Cost:	\$1,396,910
Rank:	138		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mansfield Township  
S340935-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

138

**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 (NJPDDES ) 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-05	Eligible Project Cost:	\$311,009
Rank:	139		
County:	Hunterdon	Total State Amount:	\$311,009

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	15
			Population	0.0225
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	640.0225

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

139

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cinnaminson Sewerage Authority		
Project No.:	S340170-07	Eligible Project Cost:	\$5,356,597
Rank:	140		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cinnaminson Sewerage Authority  
S340170-07  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

140

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-50	Eligible Project Cost:	\$6,708,431
Rank:	141		
County:	Essex	Total State Amount:	\$6,708,431

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.534341
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	626.534341

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-50  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

141

**County**

Essex

**Existing Population**

1,534,341

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties.

**Need for Project**

In order to properly operate and maintain PVSC's secondary wastewater treatment plant and collections system, support buildings for the fleet, facilities and collections system staff are necessary. This project is to implement necessary improvements to PVSC's fleet maintenance and fueling facilities as well as improve work spaces, bathrooms and locker facilities for PVSC's staff.

**Project Description**

The project includes improvements to the Passaic Valley Sewerage Commission's Vehicle Maintenance Building, vehicle storage buildings, fuel storage and dispensing facilities, vehicle maintenance garages and car wash. The work includes, but is not limited to, roof improvements, structural repairs, hvac, electrical, replacement lighting and plumbing improvements. The project also includes replacement of underground fuel storage tanks, fuel dispensing equipment and replacement of the fuel island and canopy. PVSC's Vehicle Maintenance Facility also includes office and conference room spaces for PVSC's facilities and collection systems staff, improvements to the work spaces, bathrooms and locker rooms within this facility will also be performed under this project.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-19	Eligible Project Cost:	\$63,223,700
Rank:	142		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-19  
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**

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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-16	Eligible Project Cost:	\$13,000,360
Rank:	142		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-16  
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**

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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roxbury Township		
Project No.:	S340381-07	Eligible Project Cost:	\$8,223,075
Rank:	143		
County:	Morris	Total State Amount:	\$8,223,075

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.023324
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.023324

**Project Name, Number**

Roxbury Township  
S340381-07  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

143

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-12	Eligible Project Cost:	\$4,709,999
Rank:	144		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-12  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

144

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-08	Eligible Project Cost:	\$3,185,000
Rank:	145		
County:	Hunterdon	Total State Amount:	\$3,185,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	75

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.013299
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.013299

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clinton Town  
S340924-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

145

**County**

Hunterdon

**Existing Population**

13,299

**Service Area**

Upgrades to the Filter and Residuals Building located at the Town of Clinton Waste Water Treatment Plant, which serves as the point of treatment for all/part of 5 municipalities.

**Need for Project**

Replacement of fine screen filters, sludge press and building related items in order to operate the sewage treatment plant.

**Project Description**

The removal and replacement of the building outer metal skin and insulation, removal and replacement of all overhead and access doors, removal and replacement of most of the structural support girts, column footing anchor bolt and baseplate replacement, and painting minor site work consisting of a 36'x18' stone parking area, minor site paving and restoration. The work also includes electrical and mechanical upgrades to the sludge press and fine screen filter room with removal and replacement of blowers, heaters, lighting and electric and controls in order to conform to the latest explosion proof code Class I Div I Group D. A separate building will be constructed in order to house the electrical panels and controls. The work also includes replacement of the sludge belt press, polymer feed, 4 fine screen filters, and conveyors for both sludge and fine screen filter screenings. Other misc. mechanical, piping, pipe supports weir boxes, and miscellaneous metal work will be completed.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-05	Eligible Project Cost:	\$1,559,892
Rank:	145		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clinton Town  
S340924-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

145

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Allamuchy Township		
Project No.:	S340256-02	Eligible Project Cost:	\$3,997,392
Rank:	146		
County:	Warren	Total State Amount:	\$3,997,392

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100
			State Planning Commission	0
			Population	0.003877
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	625.003877

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Allamuchy Township  
S340256-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

146

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-14	Eligible Project Cost:	\$37,750,220
Rank:	147		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-14  
Energy Efficiency / Renewable Energy

**Priority List Rank**

147

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	JMEUC		
Project No.:	S340686-04	Eligible Project Cost:	\$11,199,679
Rank:	148		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

JMEUC

S340686-04

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

148

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	JMEUC		
Project No.:	S340686-11	Eligible Project Cost:	\$9,713,429
Rank:	149		
County:	Union	Total State Amount:	\$9,713,429

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	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	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.45

**Project Name, Number**

JMEUC  
S340686-11  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

149

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Superstorm Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

Flood Mitigation Facilities projects, Phase II - Cogeneration Upgrade This project includes upgrades to the existing Co-Generation Facility to power the proposed Effluent Pumping Station, two (2) proposed stormwater pumping stations, and the existing Biosolids Facilities. Two (2) new engine generator sets and associated equipment will be installed in the existing Co-Generation Facility including all required electrical and instrumentational connections to integrate the new engines into the existing systems, installation of new digester gas and natural gas piping to the new engines, construction of new substations at the Sludge Dewatering Building and Sludge Drying Building, and medium voltage connections to the Co-Generation grid. In addition, access platforms will be installed at the new and existing co-generation engines to allow for safe access to equipment for maintenance.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-16	Eligible Project Cost:	\$5,923,270
Rank:	150		
County:	Essex	Total State Amount:	\$5,923,270

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				50
Population				0.27714
BDA Points				0
Transit Villages				0
TOTAL POINTS				600.27714

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-16  
Equipment Purchase (Clean Water)

**Priority List Rank**

150

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-19	Eligible Project Cost:	\$4,653,327
Rank:	150		
County:	Essex	Total State Amount:	\$4,653,327

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.27714

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Newark City  
S340815-19  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

150

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-15	Eligible Project Cost:	\$7,200,000
Rank:	151		
County:	Gloucester	Total State Amount:	\$7,200,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.2
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.2

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-15  
Energy Efficiency / Renewable Energy

**Priority List Rank**

151

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S344100-02	Eligible Project Cost:	\$5,935,359
Rank:	152		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S344100-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

152

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S344100-03	Eligible Project Cost:	\$3,046,458
Rank:	152		
County:	Ocean	Total State Amount:	\$3,046,458

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	50
	Subtotal	575

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	600.026535

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S344100-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

152

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-04	Eligible Project Cost:	\$2,049,114
Rank:	153		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340518-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

153

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S344020-01	Eligible Project Cost:	\$905,063
Rank:	154		
County:	Ocean	Total State Amount:	\$905,063

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	590.041255

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Township  
S344020-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

154

**County**

Ocean

**Existing Population**

41,255

**Service Area**

The stormwater drainage area bounded by Sherman Avenue to the west, Veeder Lane to the north, Anchorage Avenue to the south and Red Bank Avenue to the east, will route through the proposed retention basing located between Red Bank Avenue and Moorage Avenue before releasing into lagoon waters of the Barnegat Bay.

**Need for Project**

Like many other communities in Ocean County, the Township saw enormous growth and development in the 1970s. This development negatively altered the quality of surface runoff entering Barnegat Bay. This project is a concentrated effort of the Township to increase the quality of storm water surface runoff that will be released to Barnegat Bay. The Township is concerned with the health of Barnegat Bay and is improving their approach to bettering Barnegat Bay for all residents.

**Project Description**

Construction of new water quality stormwater basins within Veterans Park.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S344020-02	Eligible Project Cost:	\$905,063
Rank:	154		
County:	Ocean	Total State Amount:	\$905,063

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.041255
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	590.041255

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Berkeley Township  
S344020-02  
Stormwater Management - Gray Infrastructure

### Priority List Rank

154

### County

Ocean

### Existing Population

41,255

### Service Area

The stormwater drainage area bounded by Sherman Avenue to the west, Veeder Lane to the north, Anchorage Avenue to the south and Red Bank Avenue to the east, will route through the proposed retention basing located between Red Bank Avenue and Moorage Avenue before releasing into lagoon waters of the Barnegat Bay.

### Need for Project

Like many other communities in Ocean County, the Township saw enormous growth and development in the 1970s. This development negatively altered the quality of surface runoff entering Barnegat Bay. This project is a concentrated effort of the Township to increase the quality of storm water surface runoff that will be released to Barnegat Bay. The Township is concerned with the health of Barnegat Bay and is improving their approach to bettering Barnegat Bay for all residents.

### Project Description

Construction of a Retention Basin designed to remove at least 80% of total suspended solids for a drainage area of approximately 90 acres. The basin will include an aerator and shall be designed according to New Jersey Best Management Practices Manual. Construction will also include replacement of storm sewer and associated structures.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Allentown Borough		
Project No.:	S340567-05	Eligible Project Cost:	\$5,761,196
Rank:	155		
County:	Monmouth	Total State Amount:	\$5,761,196

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	10
			Population	0.001828
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	585.001828

**Project Name, Number**

Allentown Borough  
 S340567-05  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

155

**County**

Monmouth

**Existing Population**

1,828

**Service Area**

The entire Borough of Allentown.

**Need for Project**

The existing Wastewater Treatment Plant (WWTP) is in a condition which requires either a replacement or elimination of the WWTP. NJDEP has cited that the existing trickling filter is not operating correctly and is undersized. The arm mechanism for the trickling filter is not operating correctly and requires replacement. Presently there is only one trickling filter, therefore inspection of the internal condition of the bottom filter plate and concrete structure has not been evaluated but it is expected that it requires extensive repair. The trickling filter is also undersized, so a second filter is needed. This would be difficult due to the confined site and wetlands constrictions. The WWTP often meets the discharge requirements of the NJPDES permit, but in the past 2 years has had multiple violations. The Borough realizes it needs to eliminate the violations at the WWTP and wants to decrease the cost of operation and maintenance.

**Project Description**

The Borough of Allentown owns and operates a Wastewater Treatment Plant (WWTP), which discharges effluent to Doctor's Creek. The WWTP presently requires improvements and repairs. The Borough is proposing to replace the existing WWTP with a more efficient integrated fixed-film activated sludge (IFAS) plant. The Borough will remove the existing sand filters, RBCs, trickling filter, and sludge holding tank. These components will be replaced with a new sludge tank with greater capacity and an integrated fixed-film activated sludge (IFAS) system. In addition, the electrical service will be upgrade, the primary and secondary clarifiers will be enlarged and raised above the flood elevation, a grinder will be installed within the influent PS wet well, and a mechanical bar screen will be installed. Additional pumping stations will also be provided. The proposed project will have no impact on the current or future WWTP design capacity, which will remain at 238,000 GPD, and will not increase the size of the Borough's sanitary sewer collection system service area.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-11	Eligible Project Cost:	\$20,925,055
Rank:	156		
County:	Mercer	Total State Amount:	\$20,925,055

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.108
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.108

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Stony Brook Regional Sewer Authority  
S340400-11  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

156

### County

Mercer

### Existing Population

108,000

### Service Area

River Road Wastewater Treatment Plant began treating sewage in 1978. Wastewater flow to the River Road treatment plant is received from Princeton, a portion of South Brunswick Township and Plainsboro, and West Windsor Township.

### Need for Project

The UV system will enable compliance with new NJPDES permit effluent limits for chlorodibromomethane (CDBM) and bromodichloromethane (BDCM). Replacement of aging deep bed dual-media effluent filters will ensure reliable performance of the effluent filtration process which is critical for water quality protection.

### Project Description

The proposed project involves the replacement of our existing dual-media effluent filtration system and the replacement of the existing disinfection system with a UV system. Many components of the existing filtration system are 39 years old and in need of significant rehabilitation. This project replaces the existing filtration system with a new filtration facility utilizing disc-type effluent filters. The new facility will be in a new building constructed adjacent to the existing filter building. The existing chlorine-based disinfection system will be replaced with a new ultraviolet (UV) disinfection system to meet new, more stringent effluent limitations for Chlorodibromomethane (CDBM) and Bromodichloromethane (BDCM). Modifications to the existing chlorine contact tanks, de-chlorination tanks, and reaeration tanks will be completed to incorporate the new UV disinfection system within and on top of the existing tanks.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-10	Eligible Project Cost:	\$4,700,000
Rank:	157		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stony Brook Regional Sewer Authority  
S340400-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

157

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-03	Eligible Project Cost:	\$13,000,360
Rank:	158		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

158

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township Municipal Utilities Authority		
Project No.:	S340364-09	Eligible Project Cost:	\$864,565
Rank:	159		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester Township Municipal Utilities Authority  
S340364-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

159

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-43	Eligible Project Cost:	\$43,388,560
Rank:	160		
County:	Essex	Total State Amount:	\$43,388,560

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-43  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

160

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Hudson, Essex, Union and Passaic Counties.

**Need for Project**

PVSC is constructing Flood Walls to protect the treatment plant during extreme weather events. As a result, the stormwater collection systems within the Flood Wall need to be redesigned and reconstructed to include stormwater pumping stations to prevent flooding from within the Flood Walls.

**Project Description**

In order to mitigate against future storm rain events and remove the water within the new flood wall, three pumping stations will be constructed. The pump stations will be provided on the east (2 No.) and west (1 No.) side of the treatment plant. Each pumping station will consist of pile supported reinforced concrete structures, mechanical pumps and electrical equipment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-42	Eligible Project Cost:	\$21,399,040
Rank:	160		
County:	Essex	Total State Amount:	\$21,399,040

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	600
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	600

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	50
			Population	1.490904
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	726.490904

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-42  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

160

**County**

Essex

**Existing Population**

1,490,904

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Union and Passaic Counties.

**Need for Project**

PVSC is constructing a Floodwall to protect its 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-02	Eligible Project Cost:	\$2,093,653
Rank:	160		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County  
S344080-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

160

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-09	Eligible Project Cost:	\$388,000
Rank:	161		
County:	Burlington	Total State Amount:	\$388,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.045538

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

161

**County**

Burlington

**Existing Population**

45,538

**Service Area**

Evesham Township, Burlington County, NJ

**Need for Project**

Several buildings and treatment processes have been overcome by flood waters in the past. The Authority will be installing barriers to prevent such flooding. This will ensure that proper treatment of raw wastewater can still be achieved during flood events.

**Project Description**

Install protective measures to prevent flooding during 500 year storm events.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-10	Eligible Project Cost:	\$1,449,000
Rank:	161		
County:	Burlington	Total State Amount:	\$1,449,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.045538

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

161

**County**

Burlington

**Existing Population**

45,538

**Service Area**

Evesham Township, Burlington County, NJ

**Need for Project**

The existing tertiary filters were constructed in 1989 and are reaching the end of their useful life. The filters can get overwhelmed during periods of high flows and require increasing amounts of backwash water in order to maintain the required effluent quality. It is expected that the disc filters will reduce energy and backwash water requirements while improving effluent quality.

**Project Description**

Convert the existing mixed media, traveling bridge tertiary filters to rotating disc filters.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-05	Eligible Project Cost:	\$2,541,541
Rank:	162		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Maple Shade Township

S340710-05

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

162

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Hill Township		
Project No.:	S340404-10	Eligible Project Cost:	\$7,439,786
Rank:	163		
County:	Morris	Total State Amount:	\$7,439,786

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50
			State Planning Commission	0
			Population	0.008702
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.008702

**Project Name, Number**

Long Hill Township  
S340404-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

163

**County**

Morris

**Existing Population**

8,702

**Service Area**

The Long Hill Township WWTP is located on Block 10411, Lot 6 at the end of South Warren Avenue in Long Hill Township, Morris County, New Jersey. The existing sewer service area (SSA) of the WWTP is shown in Figure 1 of the planning documents and environmental assessment report, which is consistent with the SSA shown in the draft Morris County Wastewater Management Plan (WMP).

**Need for Project**

The proposed WWTP upgrades will enable compliance with the new effluent limit for Total Phosphorus, and the sewer rehabilitation will also benefit the Passaic River water quality by reducing peak flow rates of I&I thereby enhancing the reliability of plant performance and water quality protection.

**Project Description**

The project includes upgrades to the WWTP, pump stations, and sanitary sewer collection system. Several plant upgrades will occur to achieve the new effluent limit for Total Phosphorus and the permitted average flow capacity of 1.25 mgd. The upgrades will involve adding a chemical storage and feed system to precipitate Total Phosphorus, replacing the existing sand filters with new disc filters, replacing influent pumps 3 and 4 and the RAS pump. Additionally, the rehabilitation will be focused on areas suspect of contributing significant flow rates of infiltration and inflow, which will reduce peak flows to the WWTP thereby enhancing operation of the WWTP. The rehabilitation will also focus on the areas that are known to be deteriorating and located in flood-prone sections of the Township.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jefferson Township		
Project No.:	S340747-04	Eligible Project Cost:	\$6,526,216
Rank:	164		
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**

164

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-07	Eligible Project Cost:	\$17,968,040
Rank:	165		
County:	Cape May	Total State Amount:	\$17,968,040

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.004041
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	575.004041

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Wildwood City  
S340663-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

165

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S344200-02	Eligible Project Cost:	\$2,691,442
Rank:	166		
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**

166

**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 highefficient, 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Howell Township Municipal Utilities Authority		
Project No.:	S340832-01	Eligible Project Cost:	\$5,877,522
Rank:	167		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Howell Township Municipal Utilities Authority  
S340832-01  
Sanitary Sewer System - New

**Priority List Rank**

167

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bay Head Borough		
Project No.:	S344120-02	Eligible Project Cost:	\$289,789
Rank:	168		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bay Head Borough  
S344120-02  
Stormwater Management - Green Infrastructure

**Priority List Rank**

168

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-07	Eligible Project Cost:	\$3,866,213
Rank:	169		
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	15
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	565.014791

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hammonton Town  
S340927-07  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

169

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-26	Eligible Project Cost:	\$2,626,800
Rank:	170		
County:	Bergen	Total State Amount:	\$2,626,800

**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	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	50
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.563365

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Bergen County Utilities Authority  
S340386-26  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

170

### County

Bergen

### Existing Population

563,365

### Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

### Need for Project

The Jenbacher cogeneration (cogen) units #1 and #2 at the Bergen County Utility Authority's (BCUA) Little Ferry Water Pollution Control Facility (LFWPCF) are an essential source of power to the facility. The 60,000-hour maintenance is for the resilient operation of the facility. Close coordination is needed with the project tasks to ensure minimal downtime at the facility. The cogen maintenance and other resiliency-related projects will be completed within the existing facility, with no disturbance expected outside of the facility. These improvements will ensure the facility's resiliency and prevent downtime due to power failure.

### Project Description

The Bergen County Utility Authority (BCUA) has two Jenbacher cogeneration (cogen) units (#1 and #2) have been operating since 2007/8 and are at or approaching the milestone of 60,000 operating hours. These units must undergo a major inspection and maintenance interval at this milestone, where they will either be rebuilt or reconditioned. There are also a number of other resiliency, State-of-Good Repair (SOGR) and compliance improvements related to the cogen units. The improvements include coordination with the ongoing Black Start Project, control system modifications, ancillary systems within the building, heat exchanger issues, emissions analysis, G1 and G2 60,000-hour overhaul/rebuild, the overhaul extra options, and other overall power resiliency issues.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-10	Eligible Project Cost:	\$5,962,475
Rank:	171		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340386-10  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

171

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-13	Eligible Project Cost:	\$31,660,502
Rank:	171		
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**

171

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Orange Village (JMEUC) Township		
Project No.:	S340686-09F	Eligible Project Cost:	\$650,806
Rank:	172		
County:	Union	Total State Amount:	\$650,806

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

South Orange Village (JMEUC) Township  
S340686-09F  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Irvington (JMEUC) Township		
Project No.:	S340686-08d	Eligible Project Cost:	\$3,495,532
Rank:	172		
County:	Union	Total State Amount:	\$3,495,532

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Irvington (JMEUC) Township  
S340686-08d  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

### Project Description

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Orange (JMEUC) City		
Project No.:	S340686-09A	Eligible Project Cost:	\$620,504
Rank:	172		
County:	Union	Total State Amount:	\$620,504

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

East Orange (JMEUC) City  
S340686-09A  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Orange (JMEUC) Township		
Project No.:	S340686-08I	Eligible Project Cost:	\$2,443,341
Rank:	172		
County:	Union	Total State Amount:	\$2,443,341

**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	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

West Orange (JMEUC) Township  
 S340686-08I  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Summit (JMEUC) City		
Project No.:	S340686-09G	Eligible Project Cost:	\$1,186,322
Rank:	172		
County:	Union	Total State Amount:	\$1,186,322

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Summit (JMEUC) City

S340686-09G

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

**Project Description**

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark (JMEUC) City		
Project No.:	S340686-08g	Eligible Project Cost:	\$2,077,409
Rank:	172		
County:	Union	Total State Amount:	\$2,077,409

**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	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark (JMEUC) City  
S340686-08g  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillside (JMEUC) Township		
Project No.:	S340686-08c	Eligible Project Cost:	\$1,375,946
Rank:	172		
County:	Union	Total State Amount:	\$1,375,946

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Hillside (JMEUC) Township  
S340686-08c  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

### Project Description

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	JMEUC		
Project No.:	S340686-08	Eligible Project Cost:	\$101,231,766
Rank:	172		
County:	Union	Total State Amount:	\$101,231,766

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

JMEUC  
S340686-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

### Project Description

Phase 1- Effluent Pumping Station: Joint Meeting of Essex and Union County (JMEUC) proposes to construct a new pumping station utilizing 5 effluent pumps and motors. Ancillary improvements include variable frequency drives, electrical upgrades including a SCADA system, various piping and valves including knife gates, and a HVAC system. Phase 2- Co-Generation Facility Upgrade: JMEUC proposes several upgrades to the existing Co-Generation Facility which include 2 new generator sets with ancillary heat exchanges, mechanical piping, electrical upgrades (including SCADA), and generator maintenance platforms. The generators will be used to supply emergency power to the effluent and storm water pumping stations and the Biosolids Facility.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Orange Village (JMEUC) Township		
Project No.:	S340686-08i	Eligible Project Cost:	\$974,429
Rank:	172		
County:	Union	Total State Amount:	\$974,429

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

South Orange Village (JMEUC) Township  
 S340686-08i  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Orange (JMEUC) City		
Project No.:	S340686-08a	Eligible Project Cost:	\$928,676
Rank:	172		
County:	Union	Total State Amount:	\$928,676

**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	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

East Orange (JMEUC) City  
S340686-08a  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

### Project Description

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth (JMEUC) City		
Project No.:	S340686-09B	Eligible Project Cost:	\$6,505,876
Rank:	172		
County:	Union	Total State Amount:	\$6,505,876

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Elizabeth (JMEUC) City  
S340686-09B

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

**Project Description**

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union (JMEUC) Township		
Project No.:	S340686-09H	Eligible Project Cost:	\$2,449,335
Rank:	172		
County:	Union	Total State Amount:	\$2,449,335

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Union (JMEUC) Township  
 S340686-09H  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

he Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

**Project Description**

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Maplewood (JMEUC) Township		
Project No.:	S340686-08e	Eligible Project Cost:	\$1,401,349
Rank:	172		
County:	Union	Total State Amount:	\$1,401,349

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Maplewood (JMEUC) Township  
 S340686-08e  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Irvington (JMEUC) Township		
Project No.:	S340686-09D	Eligible Project Cost:	\$2,252,347
Rank:	172		
County:	Union	Total State Amount:	\$2,252,347

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Irvington (JMEUC) Township  
S340686-09D  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millburn Township		
Project No.:	S340686-08f	Eligible Project Cost:	\$1,248,866
Rank:	172		
County:	Union	Total State Amount:	\$1,248,866

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Millburn Township  
S340686-08f  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Orange (JMEUC) Township		
Project No.:	S340686-09I	Eligible Project Cost:	\$1,585,429
Rank:	172		
County:	Union	Total State Amount:	\$1,585,429

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

West Orange (JMEUC) Township  
S340686-09I  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roselle Park (JMEUC) Borough		
Project No.:	S340686-08h	Eligible Project Cost:	\$659,229
Rank:	172		
County:	Union	Total State Amount:	\$659,229

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Roselle Park (JMEUC) Borough  
S340686-08h  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark (JMEUC) City		
Project No.:	S340686-09E	Eligible Project Cost:	\$1,363,042
Rank:	172		
County:	Union	Total State Amount:	\$1,363,042

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Newark (JMEUC) City  
S340686-09E  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth (JMEUC) City		
Project No.:	S340686-08b	Eligible Project Cost:	\$10,123,700
Rank:	172		
County:	Union	Total State Amount:	\$10,123,700

**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	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Elizabeth (JMEUC) City

S340686-08b

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facility's infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Summit (JMEUC) City		
Project No.:	S340686-08j	Eligible Project Cost:	\$1,818,135
Rank:	172		
County:	Union	Total State Amount:	\$1,818,135

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Summit (JMEUC) City  
S340686-08j  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillside (JMEUC) Township		
Project No.:	S340686-09C	Eligible Project Cost:	\$908,430
Rank:	172		
County:	Union	Total State Amount:	\$908,430

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Hillside (JMEUC) Township  
S340686-09C  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

172

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union (JMEUC) Township		
Project No.:	S340686-08k	Eligible Project Cost:	\$3,795,472
Rank:	172		
County:	Union	Total State Amount:	\$3,795,472

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

**Project Name, Number**

Union (JMEUC) Township  
 S340686-08k  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

172

**County**

Union

**Existing Population**

450,000

**Service Area**

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

**Need for Project**

The purpose of the proposed project is to reduce the impact that natural disasters like Hurricane Sandy could have on the facility in the future and to avoid loss of wastewater service. The proposed project is needed to incorporate resiliency to minimize potential future facility failures, service interruptions and/or loss of service, and to minimize future damages to the critical facilities infrastructure. In addition, the proposed project will decrease the risk for release of untreated sewage into the environment, thereby protecting public health and natural resources.

**Project Description**

This work generally includes the construction of the concrete pumping station, installation of five (5) main effluent pumps and seventeen (17) flow diversion knife gates, modifications to the existing outfall structures, and associated electrical and instrumentation work. Also included are the engineering services for the Facility Flood Report, Stormwater Isolation analysis, Benefit Cost Analysis report, Environmental Assessment Preparation, NJDEP & ACOE permitting, Project Coordination, NJIB Project Report & Permitting, Preliminary Plans, Geotechnical Services, Surveying Services, all of which have been completed. Phase II – Co-Generation Upgrade The work generally includes installation of two (2) new generator sets in the existing Co-Generation Facility and associated electrical and instrumentation work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-16	Eligible Project Cost:	\$1,969,800
Rank:	173		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-16  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

173

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Howell Township		
Project No.:	S344040-02	Eligible Project Cost:	\$14,258,859
Rank:	174		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Howell Township  
S344040-02  
Sanitary Sewer System - New

### Priority List Rank

174

### 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-04	Eligible Project Cost:	\$10,833,981
Rank:	175		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Parsippany Troy Hills Township  
S340886-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

175

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-08	Eligible Project Cost:	\$708,917
Rank:	176		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

176

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rutgers, The State University of New Jersey		
Project No.:	S340500-01	Eligible Project Cost:	\$36,000,000
Rank:	177		
County:	Middlesex	Total State Amount:	\$36,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	550

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.033

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rutgers, The State University of New Jersey  
S340500-01  
Energy Efficiency / Renewable Energy

**Priority List Rank**

177

**County**

Middlesex

**Existing Population**

33,000

**Service Area**

Provides Electricity to the Busch and Livingston Campus along with High temperature Hot water to the Busch Campus for Heating. It serves over 8.5 million square feet of space. Spaces include classrooms, lecture halls, laboratories and research

**Need for Project**

The project will save 8 million gallons per year of potable water

**Project Description**

Replacement of the power generating turbines with increased capacity and other related equipment upgrades will cost \$30 M. As a result, a conservative estimate of energy cost savings will be \$1 M per year, and Market Participation credits will provide rebates of \$1.86 M, for an effective savings of \$2.86 M in 2016 dollars. New technology will result in a 50% decrease in emissions and elimination of water usage, saving 8 M gallons of water per year.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rutgers, The State University of New Jersey		
Project No.:	S340500-02	Eligible Project Cost:	\$49,446,000
Rank:	177		
County:	Essex	Total State Amount:	\$49,446,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
Subtotal		550

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.033
BDA Points				0
Transit Villages				0
TOTAL POINTS				550.033

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rutgers, The State University of New Jersey  
S340500-02  
Energy Efficiency / Renewable Energy

**Priority List Rank**

177

**County**

Essex

**Existing Population**

33,000

**Service Area**

NA

**Need for Project**

Reduce potable water usage by 8 million gallons

**Project Description**

The turbines in the plant are at the end of their useful life and use an antiquated water injection system to reduce NOX, which is disallowed under current DEP rules. The turbines have become unreliable and fail regularly, requiring excess maintenance and repairs. Replacement will be required in the near term to maintain a functioning plant. The proposed project consists of: - Replace the 3 existing turbines with three (3) Solar Mercury 50 Turbines with Duct fired slant tube Heat Recovery Steam Generators with an increased capacity of 2.8MW - New Gas Compressor - New Controls and Connections - Switchgear - Alterations to accommodate installation of the larger sized turbines



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northfield City		
Project No.:	S340508-04	Eligible Project Cost:	\$720,000
Rank:	178		
County:	Atlantic	Total State Amount:	\$720,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 100

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.008624

**Project Name, Number**

Northfield City  
S340508-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

178

**County**

Atlantic

**Existing Population**

8,624

**Service Area**

The entire City population will be serviced by the Asset Management Plan, approximately 1,044 residential connections(2,825 residents), numerous commercial connections plus the City of Northfield Community School which serves over 900 students.

**Need for Project**

The pump station rehabilitation will ensure that all up-stream pump stations will function and no catastrophic system failure will occur. If this station is down temporarily, by-passing must be implemented using diesel powered pumps to ensure that no sanitary sewer will back up into residents' basements and homes. The new proposed pumps are more energy efficient, therefore the station will use less electricity. Additionally, the proposed permanent gas fired electrical generator will ensure that the pump station will function during any power outage.

**Project Description**

The City is in need for Sanitary Sewer Asset Management Plan (AMP) to provide an assessment of routine maintenance requirements, opinion of system conditions, staffing requirements and provide replacement cost for budgeting purposes. Also Zion Road pump station was constructed more than 42 years ago which needs rehabilitation, this station consists of wet well to collected the effluents and a deep dry well to house the pumps, valves , alarms and controls. This stations is not running close to its design capacity and in reality it is antiquated due to the setup and the age of this station. The Municipal Public Works Department needs to inspect this station almost on a daily basis, and two employees need to be on site because of the OSHA requirements which puts a strain on the small department. This station receives flows from three pump stations servicing 1,044 homes (30% of Northfield Households) and the Community School and numerous retail establishments and professional offices.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township		
Project No.:	S344030-01	Eligible Project Cost:	\$1,029,030
Rank:	179		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township  
S344030-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

179

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S344070-01	Eligible Project Cost:	\$812,885
Rank:	180		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manchester Township  
S344070-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

180

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-09	Eligible Project Cost:	\$4,550,000
Rank:	181		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

181

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Barnegat Township		
Project No.:	S344130-01	Eligible Project Cost:	\$570,013
Rank:	182		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Barnegat Township  
S344130-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

182

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S344060-02	Eligible Project Cost:	\$3,958,000
Rank:	183		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Little Egg Harbor Township  
S344060-02  
Stormwater Management - Gray Infrastructure

### Priority List Rank

183

### County

Ocean

### Existing Population

20,065

### Service Area

The drainage improvements proposed impact the Mystic Island section of the Township between Radio Road and the end of the cul-de-sac at Twin Lakes Boulevard.

### Need for Project

The proposed work is necessary to improve the existing storm drainage infrastructure that is mostly comprised of corrugated metal pipe (CMP) approximately 40 to 50 years old that is deteriorating and undersized to handle the contributing drainage flow. Water quality will be impacted through the potential reduction of sediment and other particulates that would normally accumulate in area properties and roadways after storm events and then drain into the existing collection system, which would ultimately be discharged into uncoded tributaries that feed Big Creek, a Category 1 waterbody according to the NJDEPs Digital GeoWeb Data. Big Creek flows into the Great Bay, which is part of the Mullica Watershed Management Area, and is adjacent to the Barnegat Bay Watershed Management Area.

### Project Description

The Township proposes to remove the existing stormwater drainage collection system, which consists of approximately 6,826 linear feet of drainage pipe, 83 inlets, 4 manholes, and 290 linear feet of bulkhead at 13 outfall locations. The Township will replace the above items with a new reconfigured stormwater drainage collection system, which will consist of 8,915 linear feet of new drainage pipe, 112 new inlets, 4 new manholes, 12 new inline check valves, 290 linear feet of new bulkhead at 13 outfall locations, and the restoration of paved and un-paved areas.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S344060-01	Eligible Project Cost:	\$2,954,323
Rank:	184		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Egg Harbor Township  
S344060-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

184

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-05	Eligible Project Cost:	\$1,369,569
Rank:	185		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hightstown Borough  
S340915-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

185

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-06	Eligible Project Cost:	\$1,441,211
Rank:	185		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hightstown Borough  
S340915-06  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

185

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lakehurst Borough		
Project No.:	S344150-01	Eligible Project Cost:	\$515,681
Rank:	186		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lakehurst Borough  
S344150-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

186

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lacey Township		
Project No.:	S344140-01	Eligible Project Cost:	\$325,651
Rank:	187		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lacey Township  
S344140-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

187

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-04	Eligible Project Cost:	\$3,217,620
Rank:	188		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County  
S344080-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

188

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-06	Eligible Project Cost:	\$2,718,518
Rank:	188		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County  
S344080-06  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

188

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-10	Eligible Project Cost:	\$240,000
Rank:	189		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County  
S344080-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

189

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-11	Eligible Project Cost:	\$336,000
Rank:	189		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County  
S344080-11  
Equipment Purchase (Clean Water)

**Priority List Rank**

189

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-07	Eligible Project Cost:	\$3,997,392
Rank:	190		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-07  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

190

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-08	Eligible Project Cost:	\$15,439,092
Rank:	190		
County:	Morris	Total State Amount:	\$15,439,092

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.093

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

190

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County		
Project No.:	S344080-09	Eligible Project Cost:	\$1,123,750
Rank:	191		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Ocean County  
S344080-09  
Stormwater Management - Gray Infrastructure

### Priority List Rank

191

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-06	Eligible Project Cost:	\$12,010,000
Rank:	192		
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**

192

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jackson Township		
Project No.:	S344050-02	Eligible Project Cost:	\$998,980
Rank:	193		
County:	Ocean	Total State Amount:	\$998,980

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	300
50	0
Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Jackson Township  
S344050-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

193

**County**

Ocean

**Existing Population**

54,856

**Service Area**

101 sq miles

**Need for Project**

1 prevent or remediate nonpoint source pollution. 2 reduce nonpoint source pollution, 3 a direct water quality benefit.

**Project Description**

(Equipment Loan) - The proposed project includes purchase of a Jet-Vac/Street Sweeper.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Landis Sewerage Authority		
Project No.:	S340461-05	Eligible Project Cost:	\$3,603,428
Rank:	194		
County:	Cumberland	Total State Amount:	\$3,603,428

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.05478
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.05478

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Landis Sewerage Authority  
S340461-05  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

194

**County**

Cumberland

**Existing Population**

54,780

**Service Area**

City of Vineland part of Franklin Township and part of Pittsgrove Township

**Need for Project**

Facility was previously upgraded under a federal Construction Grant as Project No. C340461-02-2 and TWA SO-8-86-6073 without grit and scum removal. Under existing conditions the influent flow is pumped twice and this is inefficient. The project will result in one central pumping facility with gritscum removal which will improve the operational reliability of downstream treatment units.

**Project Description**

Construction of four (4) 60-inch diameter open flight screw pumps (archimedes screw) for a design flow of 12.2 MGD and peak of 24.3 MGD. Each screw capacity will be 8.1 MGD with one unit as standby. Due to the efficiency of the screw pump estimated power savings would be \$10000yr. Metering will be by two Parshall flumes chart recorded and mechanical barscreens. The gritgrease removal system will consist of a 3.2 x 36 meter grease removal channel and a 3.4 x 36 meter grit removal channel with the associated mechanical and aeration systems. A biofilter will be constructed to control odors from the proposed enclosed screw pumps as well as the headworks facility.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lacey Township		
Project No.:	S344140-02	Eligible Project Cost:	\$1,559,000
Rank:	195		
County:	Ocean	Total State Amount:	\$1,559,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	300
Green Infrastructure	50	0
	Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.028273
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.028273

**Project Name, Number**

Lacey Township  
S344140-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

195

**County**

Ocean

**Existing Population**

28,273

**Service Area**

The population served by the project is the Township of Lacey, a 98.53 square mile coastal town in Ocean County, New Jersey. The southeasterly portion of the Township will benefit from the project, as measures will be implemented to replace aging infrastructure. The project is located on public property in a man-made lagoon. The project site is located between Yacht Basin Plaza North and Yacht Basin Plaza South and east of Lakeside Drive East, with the surrounding land uses being a mix of commercial and residential. The marina is located at the northern edge of a peninsula between the North Branch of the Forked River (north) and Middle Branch of the Forked River (south).

**Need for Project**

There are signs of erosion landward along the bulkhead, sinkholes form and cause safety hazards. The DPW routinely fills in the sinkholes to maintain public safety and structural integrity of the bulkhead and roadway. This erosion impacts the stability of the existing stormwater infrastructure and the surrounding area. Reconstruction of the bulkhead will rectify a safety and structural stability issue and eliminate the pollution and sedimentation caused by the breaches through the existing bulkhead. Elevation of the bulkhead will mitigate flooding in the project area. Due to local geography and proximity to the ocean, Lacey is susceptible to coastal flooding. The adjacent streets are some of the lowest road elevations in the Township. The project will tie into a similar bulkhead along Lakeside Drive East being replaced under a separate project. The project will also assist in reducing float-able pollutants, which is a result of bulkhead erosion, being discharged into the river.

**Project Description**

This is a Stormwater Management - Green Infrastructure project that impacts the Barnegat Bay Watershed. There is also a resiliency component to the project. The project includes bulkhead reconstruction and elevation, and stormwater conveyance improvements. The new bulkhead will be elevated from the existing conditions, providing a resiliency component to the project by reducing nuisance flooding of the marina area and adjacent residential neighborhoods. Stormwater conveyance infrastructure in the project area will be retrofitted and/or replaced to improve quality of runoff and reduce backflow from the lagoon. The plan also calls for elevation of the surrounding roads and utility infrastructure (power supply, potable water), further enhancing the resiliency aspect of the project. The Township is also considering improvements to the restroom building parking area across Yacht Basin Plaza South from the Marina.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Chatham (MCJM) Borough		
Project No.:	S340715-07A	Eligible Project Cost:	\$7,289,180
Rank:	196		
County:	Morris	Total State Amount:	\$7,289,180

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Chatham (MCJM) Borough  
S340715-07A  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

196

**County**

Morris

**Existing Population**

25,139

**Service Area**

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

**Need for Project**

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

**Project Description**

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Madison (MCJM) Borough		
Project No.:	S340715-07B	Eligible Project Cost:	\$7,289,180
Rank:	196		
County:	Morris	Total State Amount:	\$7,289,180

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Madison (MCJM) Borough  
S340715-07B  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

196

**County**

Morris

**Existing Population**

25,139

**Service Area**

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

**Need for Project**

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

**Project Description**

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Point Pleasant Borough		
Project No.:	S344210-01	Eligible Project Cost:	\$318,067
Rank:	197		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Point Pleasant Borough

S344210-01

Stormwater Management - Gray Infrastructure

**Priority List Rank**

197

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Beachwood Borough		
Project No.:	S344010-02	Eligible Project Cost:	\$708,917
Rank:	198		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Beachwood Borough  
S344010-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

198

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Beachwood Borough		
Project No.:	S344010-01	Eligible Project Cost:	\$980,378
Rank:	199		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Beachwood Borough  
S344010-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

199

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millstone Township		
Project No.:	S344160-01	Eligible Project Cost:	\$360,245
Rank:	200		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Millstone Township  
S344160-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

200

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-06	Eligible Project Cost:	\$15,713,009
Rank:	201		
County:	Cape May	Total State Amount:	\$15,713,009

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				25
Population				0.005325
BDA Points				0
Transit Villages				0
TOTAL POINTS				525.005325

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Wildwood City  
S340664-06  
Sanitary Sewer System Rehabilitation

### Priority List Rank

201

### County

Cape May

### Existing Population

5,325

### Service Area

The service area that will be affected by Phases I, II, and III of this project is the North western portion of the City of Wildwood. This includes water service areas that are north of Park Boulevard and west of Cedar Avenue. Phases 1, 2, and 3 will collectively include the replacement of sanitary sewer main on the following streets: Cresse Avenue Hildreth Avenue Bennett Avenue Leaming Avenue Hand Avenue Taylor Avenue Andrews Avenue Burk Avenue Montgomery Avenue Baker Avenue Roberts Avenue Garfield Avenue Lincoln Avenue Mediteranean Avenue Susquehanna Avenue Hudson Avenue. They will also collectively include the replacement of storm water pipe on the following streets: Cresse Avenue Hildreth Avenue Bennett Avenue Leaming Avenue Hand Avenue Taylor Avenue Andrews Avenue Burk Avenue Lincoln Avenue Niagara Avenue Susquehanna Avenue Hudson Avenue. Additionally, the proposed storm water pump station (Phase 2) is located adjacent to Susquehanna Avenue and Taylor Avenue.

### Need for Project

The purpose of this project is to replace the City's aged sanitary sewer main system in phases, as well as install storm water piping and pump stations. The sanitary sewer work will serve as a rehabilitation of the existing system by replacing sanitary main in the areas indicated in the service area description, so to properly maintain the City's existing system. The storm water work will serve as construction of new piping and pump stations which will serve the purpose of alleviating the severe flooding this portion of the island experiences, as well as being a measure to improve the infiltration due to flooding. Both purposes would greatly improve public safety.

### Project Description

The City of Wildwood is proposing to replace the outdated sanitary sewer, water and storm drainage systems throughout the City in a seven (7) phase plan. The proposed sanitary sewer work will be primarily to update the currently outdated/failing system. The proposed water work will include the replacement of water main and services that are also currently outdated and failing. The proposed storm drainage work will include the installation of new storm water pipe throughout various areas of the City where it does not currently exist, as well as the construction of three (3) storm water pump stations. Each of the seven (7) phases will involve either milling and overlaying or full-depth reconstruction of the affected roadways as well. This application is being submitted to request a loan for the clean water-related (sanitary sewer and storm water) portion of Phases 1 - 3 of this seven (7) phase plan.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Point Pleasant Beach Borough		
Project No.:	S344190-02	Eligible Project Cost:	\$8,944,264
Rank:	202		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Point Pleasant Beach Borough  
S344190-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

202

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Gate Borough		
Project No.:	S344180-01	Eligible Project Cost:	\$2,303,933
Rank:	203		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	300
50	0
Subtotal	525

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Ocean Gate Borough  
S344180-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

203

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pine Beach Borough		
Project No.:	S344090-01	Eligible Project Cost:	\$437,413
Rank:	204		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pine Beach Borough  
S344090-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

204

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bay Head Borough		
Project No.:	S344120-01	Eligible Project Cost:	\$250,886
Rank:	205		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bay Head Borough  
S344120-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

205

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-03	Eligible Project Cost:	\$161,675
Rank:	206		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Roosevelt Borough  
S340761-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

206

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-04	Eligible Project Cost:	\$1,744,000
Rank:	206		
County:	Monmouth	Total State Amount:	\$1,744,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.000882
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.000882

**Project Name, Number**

Roosevelt Borough  
S340761-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

206

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-48	Eligible Project Cost:	\$2,521,600
Rank:	207		
County:	Hudson	Total State Amount:	\$2,521,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.247597
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	510.247597

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-48  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

207

**County**

Hudson

**Existing Population**

247,597

**Service Area**

Jersey City is located in south central Hudson County and has a land area of 14.79 square miles. The rapidly growing population is estimated at 262,075. The city is bounded by the Hackensack River and Newark Bay to the west, the City of Bayonne to the south, the City of Hoboken to the north, and the Hudson River to the east. Land use within the project area is categorized as urban residential, high density or multiple dwelling, commercial/services, railroads, industrial, other urban or built-up land, and mixed urban or built-up land.

**Need for Project**

It is essential the aging infrastructure be replaced or rehabilitated. The selected sanitary sewers have significant damage and deterioration, as was determined through a televised inspection of the sewers. Without action, there is the potential for collapse of these existing sewer mains which would leave all the associated residents without sewer service. Additionally, infiltration of groundwater into the sewers reduces capacity of all downstream pipes, which may restrict or prohibit future development. The added flow caused by infiltration and inflow also causes a burden on the receiving treatment plant. Rehabilitation of these sewer mains, as opposed to replacing the mains outright, will mitigate inflow and infiltration while limiting negative impact to the community.

**Project Description**

This project consists of the rehabilitation of approximately 3,700 linear feet (L.F.) of existing sanitary sewer main at four (4) locations in Jersey City, Hudson County, New Jersey. 1. Tonnele Avenue; 2. Montgomery Street; 3. Manhattan Avenue; and 4. Kennedy Boulevard. The selected sections of sewer main have shown increased deterioration due to the close proximity to New Jersey Transit railways. Rehabilitation of the sewer mains will be performed utilizing trenchless technology.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-57	Eligible Project Cost:	\$72,931,505
Rank:	208		
County:	Essex	Total State Amount:	\$72,931,505

**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	50
			Population	1.535586
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.535586

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-57  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

208

**County**

Essex

**Existing Population**

1,535,586

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Essex, Hudson, Passaic and Union Counties.

**Need for Project**

The PVSCs cleaning, inspection and/or repair of its Main Interceptor Sewer, Branch Interceptor Sewers, Lateral Sewers, Local Sewer Connections, manholes, regulator chambers, and Venturi meters will ensure that PVSC continues to reliably convey wastewater efficiently and effectively via an upgraded conveyance system to minimize the potential for sewage leakage into the environment in accordance with NJDEP requirements. The proposed improvements will have no effect on wastewater management planning since there are no proposed changes to the NBTP flows as currently permitted. Water quality will be improved as a result of this program through the repairs to conveyance system components that are at or nearing the end of their useful life.

**Project Description**

This program involves rehabilitating existing sewage conveyance and related infrastructure that is in need of repair and due to capital construction costs will be divided into multiple contracts that will be bid at separate times, spread over a four (4) to five (5) year window.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-02	Eligible Project Cost:	\$82,822,000
Rank:	209		
County:	Hunterdon	Total State Amount:	\$82,822,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

**Project Name, Number**

New Jersey Water Supply Authority  
S340421-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

209

**County**

Hunterdon

**Existing Population**

1,500,000

**Service Area**

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

**Need for Project**

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

**Project Description**

Decrease seepage by grouting at North and South Dam abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain) on downstream side of dams; install and improve instrumentation; flatten downstream slopes to increase stability of dams; remove and replace previous repair to South Dam; repair leak near the invert of the South Dam Tower; replace 10-inch pipe connecting force main and South Dam valve vault; study, repair, replace and/or abandon low-level valve release at South Dam; full inspection and repairs to all existing reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping; dredging of inlet channel at South Dam Tower.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-03	Eligible Project Cost:	\$82,822,000
Rank:	209		
County:	Hunterdon	Total State Amount:	\$82,822,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

**Project Name, Number**

New Jersey Water Supply Authority  
S340421-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

209

**County**

Hunterdon

**Existing Population**

1,500,000

**Service Area**

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

**Need for Project**

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

**Project Description**

Decrease seepage by grouting at abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain); install and improve instrumentation; flatten slopes to increase stability; remove and replace previous repairs to south structure; reestablish survey monumentation; install and improve security cameras; repair leak near the invert of the south tower; replace 10-inch pipe connecting force main and south valve vault; study, repair, replace and/or abandon low-level valve release; full inspection of all reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-21	Eligible Project Cost:	\$8,492,702
Rank:	210		
County:	Atlantic	Total State Amount:	\$8,492,702

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.25

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-21  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

210

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-22	Eligible Project Cost:	\$15,439,092
Rank:	210		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-22  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

210

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paterson City		
Project No.:	S340850-01	Eligible Project Cost:	\$28,256,876
Rank:	211		
County:	Passaic	Total State Amount:	\$28,256,876

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				50
Population				0.149222
BDA Points				0
Transit Villages				0
TOTAL POINTS				500.149222

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Paterson City  
S340850-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

211

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Trenton City		
Project No.:	S340416-12	Eligible Project Cost:	\$2,718,518
Rank:	212		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Trenton City  
S340416-12  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

212

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-17	Eligible Project Cost:	\$443,500
Rank:	213		
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**

213

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-10	Eligible Project Cost:	\$1,679,606
Rank:	214		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Bergen Municipal Utilities Authority  
S340652-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

214

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Township		
Project No.:	S340652-07	Eligible Project Cost:	\$639,645
Rank:	214		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Bergen Township  
S340652-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

214

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-07	Eligible Project Cost:	\$8,918,476
Rank:	215		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-07  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

215

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Municipal Utilities Authority		
Project No.:	S340259-14	Eligible Project Cost:	\$1,582,000
Rank:	215		
County:	Hudson	Total State Amount:	\$1,582,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.040684
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.040684

**Project Name, Number**

Kearny Municipal Utilities Authority  
S340259-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

215

**County**

Hudson

**Existing Population**

40,684

**Service Area**

The KMUA service area within the project limits includes the South Kearny section of Town. There are no residential connection to their system, KMUA serves 63 industrial/commercial customers. The project area begins with the Kearny Point Pumping Station which is located approximately 1,000 feet North of the confluence of the Passaic and Hackensack Rivers. The project area then continues North on Central Avenue and ends at Pennsylvania Avenue. The project area consists of land use associated with transportation and commercial/industrial uses and is currently fully developed. The project is necessary to provide adequate wastewater service in order to promote and achieve the objectives for redevelopment in accordance with State Smart Growth Initiatives.

**Need for Project**

For Central Ave & Pennsylvania Ave, The seven leaking sanitary sewer defects are recommended for chemical grouting, sewer repair by chemical grout injection, replacement of app The five identified manhole defects have been recommended for grouting and patching. It is also recommended to perform blockage removal of the forty-six sewers with a combined length of approximately 18,000 FT to remove the debris estimated within these sewers to achieve the design flow rates and velocities. For KMUAs Kearny Point Pumping Station, two chain and flight type grit collector mechanisms (one for each channel) will be installed in-kind as duplicates. The option of using corrosion resistant material for the new chain and flights will also be reviewed. The chain and flight equipment will consist of the following: Sprockets, Bearings, Scarpers, Drive Chain Guards, Hardware and Anchors, Shear Pin Limit Switch, Shafting, Drive Chain, Return tracks and track brackets, Proportional weirs

**Project Description**

The proposed project involves the rehabilitation of the Central Avenue and Pennsylvania Avenue Sewers in the City of Kearny, Hudson County. The Central Avenue Sanitary Sewer Inspection and Condition Assessment Study as well as separate CCTV inspections performed on Pennsylvania Avenue identified various sewers to be targeted for heavy blockage removal, additional CCTV inspection and pipe and joint sealing, as well as manhole and pipe repairs and the replacement of an ACP and VCP pipe section along Pennsylvania Avenue. At KMUA's Kearny Point Pump Station, the mechanical components of the existing grit collector system in the wet well are no longer operational due to corrosion. This portion of the project involves engineering design and construction phase services for the in-kind replacement of the chains and flights. With this project, KMUA will be reducing the I&I that enters the system and is conveyed to PVSC which is a CSO system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-08	Eligible Project Cost:	\$1,748,207
Rank:	216		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Winslow Township  
S340895-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

216

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem County		
Project No.:	S340804-04	Eligible Project Cost:	\$18,263,633
Rank:	217		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Salem County  
S340804-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

217

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-05	Eligible Project Cost:	\$14,618,545
Rank:	218		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Asbury Park City  
S340883-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

218

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-06	Eligible Project Cost:	\$17,350,281
Rank:	218		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Asbury Park City  
S340883-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

218

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Arlington Borough		
Project No.:	S340959-03	Eligible Project Cost:	\$381,358
Rank:	219		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Arlington Borough  
S340959-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

219

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Phillipsburg Town		
Project No.:	S340874-08	Eligible Project Cost:	\$8,787,800
Rank:	220		
County:	Warren	Total State Amount:	\$8,787,800

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01495
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.01495

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Phillipsburg Town  
S340874-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

220

**County**

Warren

**Existing Population**

14,950

**Service Area**

Town of Phillipsburg

**Need for Project**

Project is necessary to address the antiquated sanitary and storm water collection systems of the Town of Phillipsburg. A majority of of this system is made up of clay pipe installed at the turn of the century.

**Project Description**

Video documentation of the existing sanitary and storm water collection systems for the Town of Phillipsburg. Review obtained information, and develop plans and specifications for the repair/relining/replacement of deficient areas of the infrastructure, including associated structures. Document the condition of the Town's three pumping stations, and development plans and specifications for their upgrade/replacement. Bid project, and construct the proposed improvements in accordance with the approved contract documents.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackettstown Municipal Utilities Authority		
Project No.:	S340803-04	Eligible Project Cost:	\$1,411,500
Rank:	221		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackettstown Municipal Utilities Authority  
S340803-04  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

221

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Township		
Project No.:	S340477-01	Eligible Project Cost:	\$2,242,000
Rank:	222		
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**

222

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Township		
Project No.:	S340477-01-1	Eligible Project Cost:	\$2,154,000
Rank:	222		
County:	Morris	Total State Amount:	\$2,154,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005869
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	500.005869

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Mendham Township  
S340477-01-1  
Consolidation of Water System

### Priority List Rank

222

### County

Morris

### Existing Population

5,869

### Service Area

The service area for this project is the Drakewick neighborhood, consisting of 104 households. Drakewick is located on the eastern side of Mendham Township.

### Need for Project

The project is focused on repairing existing effluent disposal systems associated with a wastewater discharge. The project is needed to protect public health and the environment.

### Project Description

Project consists of the "in-kind" replacement of the Mendham East Wastewater Treatment Facility's lower effluent disposal system. Existing lower effluent disposal systems are in a state of hydraulic failure and require complete replacement. Repair will be based on removing and legally disposing the existing effluent disposal system and replacing with an in-kind replacement with no expansion. This work will be performed under a change order to the Mendham East Wastewater Treatment Facility contract that received a CLP in the amount of \$2,295,125 under Project Number S340477-01 in April 2017. The project is focused on repairing existing effluent disposal systems associated with a wastewater discharge. The project is needed to protect public health and the environment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Utilities Authority		
Project No.:	S340550-08	Eligible Project Cost:	\$1,122,734
Rank:	223		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cumberland County Utilities Authority  
S340550-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

223

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340336-09	Eligible Project Cost:	\$5,506,680
Rank:	224		
County:	Monmouth	Total State Amount:	\$5,506,680

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.030719

**Project Name, Number**

Long Branch Sewerage Authority  
S340336-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

224

**County**

Monmouth

**Existing Population**

30,719

**Service Area**

The LBSA service area covers approximately 5.36 square miles in central eastern Monmouth County, New Jersey. The area is bounded by the Ocean to the east; Monmouth Beach and Oceanport to the north; Oceanport, West Long Branch and Ocean Township to the west; and Ocean Township and Deal to the south. The land area breakdown contained in each of the municipalities included within the LBSA Wastewater Management Plan (WMP) area is as follows: the City of Long Branch (5.10 square miles), the Borough of West Long Branch (0.2565 square miles), and the Borough of Monmouth Beach (0.0011 square miles). The City of Long Branch is the only "participating" municipality. The small areas of the other two municipalities are "customers" of LBSA.

**Need for Project**

The purpose of the project is to improve effluent quality during peak flow periods, reduce the potential for sewage exfiltration and reduce maintenance and operating problems and costs. The project will also reduce inflow and infiltration and reduce the need for emergency repairs. In addition to addressing environmental issues, operating and maintenance should be improved. The I/I study and associated collection system improvements portion of the overall project will be LBSA's fifth Inflow and Infiltration (I/I) Remediation Project within the past 25 years. The Hoey Avenue pump station and force main improvements will improve reliability, efficiency and operations. Replacement of the force main will avoid the possibility of a failure of the existing pipe, which would be costly and create a major disruption of service.

**Project Description**

This loan application comprises three projects, including: 1) Inflow/Infiltration (I/I) Study and Rehabilitation Project: the evaluation of inflow and infiltration, flow metering, sewer cleaning, television inspection and collection system rehabilitation/replacement. A report will be prepared after completion of the system evaluation documenting findings and recommendations; 2) Hoey Avenue Pump Station Force Main Replacement Project: the replacement of the existing 3,850 LF of 14" force main. The main will be rerouted to stay within the public right-of-way. Upgrades of the pump station are also proposed; 3) Sanitary Sewer Railroad Crossing Investigation/Rehabilitation Project: the evaluation and possible rehabilitation of the railroad/sewer crossings. Design for rehabilitation of pipe at the crossings will be performed based upon the recommendations from the Inspection Reports generated by TV inspections.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millville City		
Project No.:	S340921-04	Eligible Project Cost:	\$8,557,247
Rank:	225		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Millville City  
S340921-04  
Interconnection

**Priority List Rank**

225

**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 ll 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340336-05	Eligible Project Cost:	\$1,396,910
Rank:	226		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Branch Sewerage Authority  
S340336-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

226

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S340656-09	Eligible Project Cost:	\$1,821,582
Rank:	227		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Princeton  
S340656-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

227

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S340656-08	Eligible Project Cost:	\$3,862,596
Rank:	227		
County:	Mercer	Total State Amount:	\$3,862,596

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				25
Population				0.028572
BDA Points				0
Transit Villages				0
TOTAL POINTS				475.028572

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Princeton  
S340656-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

227

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-07	Eligible Project Cost:	\$4,859,394
Rank:	228		
County:	Ocean	Total State Amount:	\$4,859,394

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.026535
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.026535

**Project Name, Number**

Stafford Township  
S340946-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

228

**County**

Ocean

**Existing Population**

26,535

**Service Area**

The portion of the sanitary sewer system that Stafford Township owns and operates is comparable to other towns in Ocean County. The owner of the sanitary sewer system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). The Township owner sanitary system consists of gravity lines and pump stations that ultimately feed into sanitary sewer mains owned and maintained by OCUA. The Township owns, operates and maintains a sanitary sewer collection system that presently has approximately 13,100 service connections

**Need for Project**

Stafford Township had multiple pipe collapses in the past 10 years, and emergency repairs were required to fix them. The material and age of the ACP pipes requires cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the resident to raw sewage. The area is in a flood zone and in close proximity to open waterways that feed the Manahawkin Bay. The water table is high in the project limits which makes the failing sanitary system more susceptible to water infiltration into the system.

**Project Description**

Beach Haven West Sanitary Rehabilitation will be a Phased Sanitary Sewer Replacement Project. The initial phase will consist of replacement in kind of failing ACP Sanitary Sewer System consisting of approximately 8,150 Linear Feet of 8" PVC Sanitary Sewer Main. The project will consist of the removal of approximately 8,150 Linear Feet of ACP Sanitary Sewer Main and will include the construction of 30 new sanitary sewer manholes, 8,150 linear feet of 8" PVC Sanitary Sewer Main and 242 new sewer laterals and cleanouts. Also included in this project will be the replacement of drainage catch basins, installation of new cross drains and repaving of the road from edge of pavement to edge of pavement. The project is located in a flood hazard area on a lagoon community which encounters high water tables and is subject to high levels of water infiltration. The sanitary sewer main has reached its useful life and has been repaired in several locations under emergency work.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-05	Eligible Project Cost:	\$936,970
Rank:	228		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S340946-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

228

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-08	Eligible Project Cost:	\$3,203,833
Rank:	228		
County:	Ocean	Total State Amount:	\$3,203,833

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S340946-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

228

**County**

Ocean

**Existing Population**

26,535

**Service Area**

Beach Haven West Sanitary Sewer Service Area serving the Southeastern corridor of the Stafford Township Sanitary Sewer collection system.

**Need for Project**

This project proposes to replace ACP sanitary sewer main to repair leaks prevent seepage into the surrounding ground water and estuaries. Storm system improvements are also proposed as a means of mitigating excessive runoff and therefore improving water quality in the surrounding areas of Stafford Township.

**Project Description**

Project consists of the removal and replacement of approximately 8,159 LF of Asbestos Concrete Pipe (ACP) sanitary sewer main with 5,243 Linear Feet of 8" PVC SDR 35 and 2,916 linear feet of 10" PVC SDR-35 for Stafford Township. Work shall include removal of 31 manholes and installation of 31 new manholes, installation of 234 new sanitary sewer laterals, dewatering, temporary by-pass pumping systems, and all other work required for the removal and replacement of the sanitary sewer main. Work shall take place in the Beach Haven West section of Stafford Township on Jennifer Lane extending from the intersection of Morris Boulevard to the intersection of Jennie Drive, including the entire length of Joan drive, Robert Drive, Jeffrey Drive, Joshua Drive, Jennie Drive, and Morris Boulevard between Route 72 and Joan Drive.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean City		
Project No.:	S340730-01	Eligible Project Cost:	\$57,540
Rank:	229		
County:	Cape May	Total State Amount:	\$57,540

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				25
Population				0.01549
BDA Points				0
Transit Villages				0
TOTAL POINTS				475.01549

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Ocean City  
S340730-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

229

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Metuchen Borough		
Project No.:	S340360-02	Eligible Project Cost:	\$1,578,000
Rank:	230		
County:	Middlesex	Total State Amount:	\$1,578,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				15
Population				0.013574
BDA Points				0
Transit Villages				10
TOTAL POINTS				475.013574

**Project Name, Number**

Metuchen Borough  
S340360-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

230

**County**

Middlesex

**Existing Population**

13,574

**Service Area**

The pump station serves the entire Borough of Metuchen as all flow generated within the Borough flows through the station. It also serves a small portion of adjoining Edison Township.

**Need for Project**

The pump station collects and pumps wastewater generated within the service area to an interceptor that carries the flow to the Middlesex County Utilities Authority in Sayreville for treatment. The station contains much of the original equipment and facilities from its construction in the mid-1950's and it is becoming more difficult to maintain and may experience a higher probability of failure. Failure of the station would result in the spilling of wastewater into the surrounding environment.

**Project Description**

There are presently two wastewater pump stations at the end of Jersey Avenue in Metuchen, one owned by Edison and the other owned by Metuchen, located approximately 500 feet apart. The Edison station pumps into the Metuchen station which pumps to an MCUA interceptor. Both stations are antiquated and require significant reconstruction. The municipalities have agreed to cost share for Metuchen to undertake the construction of a new pump station to replace the existing two stations. The work includes the extension of the existing force main and gravity sewers and the construction of a new pump station, including new sewage pumps and grinder, electrical supply and distribution systems and stand-by generator, pump control system, and a structure to house the electrical and control equipment. There will be fewer pumps than in the two existing stations, the double pumping will be eliminated and the new pumps will be selected to maximize their efficiency and be variable speed, decreasing electric consumption when compared to the existing 50 year old constant speed pumps and motors.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Metuchen Borough		
Project No.:	S340360-01	Eligible Project Cost:	\$3,734,892
Rank:	231		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Metuchen Borough  
S340360-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

231

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerville Borough		
Project No.:	S340551-01	Eligible Project Cost:	\$3,700,000
Rank:	232		
County:	Somerset	Total State Amount:	\$3,700,000

**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	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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	0.012202
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	475.012202

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerville Borough  
S340551-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

232

**County**

Somerset

**Existing Population**

12,202

**Service Area**

The service area for the proposed repair and rehabilitation projects is coterminous with the Borough's boundary limits.

**Need for Project**

The existing sanitary sewer collection infrastructure is deteriorating and in need of repair and/or replacement where needed. If left untreated the infrastructure may fail resulting in adverse impacts to the surrounding environment and community.

**Project Description**

The Borough proposes two (2) separate contracts. The first contract is for the rehabilitation of up to 134 existing MHs located throughout the Borough. This work is required to address an Administrative Consent Order issued by the NJDEP. The second contract includes rehabilitation and/or repair of approximately 2,750 LF of its 27" interceptor sewer pipe that traverses through the center of the Borough.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-03	Eligible Project Cost:	\$3,032,199
Rank:	233		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wildwood City  
S340664-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

233

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-04	Eligible Project Cost:	\$11,349,789
Rank:	234		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Wildwood City  
S340663-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

234

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-06	Eligible Project Cost:	\$13,090,964
Rank:	234		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Wildwood City  
S340663-06  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

234

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Netcong Borough		
Project No.:	S340538-01	Eligible Project Cost:	\$95,000
Rank:	235		
County:	Morris	Total State Amount:	\$95,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				15
Population				0.003232
BDA Points				0
Transit Villages				10
TOTAL POINTS				475.003232

**Project Name, Number**

Netcong Borough  
S340538-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

235

**County**

Morris

**Existing Population**

3,232

**Service Area**

The Netcong Sewer Department provides sanitary sewer service in the Borough of Netcong. The customers are residential, municipal facilities, schools and small businesses. The sanitary sewer system serves the entire Borough.

**Need for Project**

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (20 years).

**Project Description**

The Borough of Netcong wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough of Netcong (the Borough) owns, operates, and maintains a sanitary sewerage distribution system which benefits approximately 3,232 residents. The Borough's sanitary sewer system consists of gravity transmission mains and lateral connections. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers, and potential customers. The Borough proposes to proceed with the following program of activities at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Geographic Information System (GIS) Update 3. Infiltration & Inflow (I/I) Investigation of Sanitary Sewer System

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-03	Eligible Project Cost:	\$564,453
Rank:	236		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Wildwood Borough  
S340626-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

236

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-03	Eligible Project Cost:	\$660,000
Rank:	237		
County:	Monmouth	Total State Amount:	\$660,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.126804
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.126804

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manasquan River Regional Sewerage Authority  
S340911-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

237

**County**

Monmouth

**Existing Population**

126,804

**Service Area**

The MRRSA service area, which consists of the entirety of the Borough of Farmingdale, Borough of Freehold, Township of Freehold, Township of Howell and the western "Allenwood" section of the Township of Wall. The entire population of Wall Township was used, even though only a small section of the municipality is within MRRSA's service territory.

**Need for Project**

The vehicle and equipment proposed to be replaced is essential for the operation and maintenance of the regional wastewater conveyance system. This equipment assists the Authority in preventative maintenance activities.

**Project Description**

Replacement of a portion of the vehicle and equipment fleet necessary for operation and maintenance of the MRRSA's regional wastewater system. An existing listing of vehicles and equipment to be replaced and their estimated costs is available.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-04	Eligible Project Cost:	\$2,388,541
Rank:	238		
County:	Monmouth	Total State Amount:	\$2,388,541

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				15
Population				0.1
BDA Points				0
Transit Villages				0
TOTAL POINTS				465.1

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manasquan River Regional Sewerage Authority  
S340911-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

238

**County**

Monmouth

**Existing Population**

100,000

**Service Area**

Farmingdale Borough, Freehold Borough, Freehold Township, Howell Township and Wall Township

**Need for Project**

Rehabilitation of an existing pumping station that has reached the end of its useful life.

**Project Description**

The project includes the rehabilitation of an existing sanitary sewer pumping station. The contents of the existing wet well will be demolished and the concrete surfaces rehabilitated. A new grinder and two submersible pumps will be installed in the wet well. The existing Controls Building will be demolished and a new Controls Building will be constructed on the site. The Controls Building will house new electrical and control equipment. In addition, approximately 250 feet of existing force main will be replaced in-kind.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-08	Eligible Project Cost:	\$1,575,337
Rank:	239		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

239

**County**

Burlington

**Existing Population**

31,629

**Service Area**

0

**Need for Project**

0

**Project Description**

(Carryover SFY2015) - The project includes the replacement of three obsolete collection system wastewater pumping stations and the cleaning televising and lining (if necessary) of selected portion of the Authority's sanitary sewer collection system. Improvements within the floodplain include raising manholes installing watertight castings constructing access drives bank stabilization and erosion control at vulnerable manholes rehabilitation of aerial sewer crossings removal of floodplain obstructions purchase of an all-terrain easement machine. Insulation of a natural gas emergency generators at Windsor and Tweedstone pumping stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Vernon Township		
Project No.:	S340745-03	Eligible Project Cost:	\$2,100,000
Rank:	240		
County:	Sussex	Total State Amount:	\$2,100,000

**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	0.023943
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.023943

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Vernon Township  
S340745-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

240

**County**

Sussex

**Existing Population**

23,943

**Service Area**

Sewer service area of Vernon Township MUA.

**Need for Project**

A good asset management plan for the sewer system in this are is crucial to the health and safety of the population.

**Project Description**

Preparation of an Asset management Plan for the Township's Sanitary sewer System.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Barnegat Township		
Project No.:	S340620-06	Eligible Project Cost:	\$535,216
Rank:	241		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Barnegat Township  
S340620-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

241

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Barnegat Township		
Project No.:	S340620-07	Eligible Project Cost:	\$570,013
Rank:	241		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Barnegat Township  
S340620-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

241

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	JMEUC		
Project No.:	S340686-09	Eligible Project Cost:	\$18,570,030
Rank:	242		
County:	Union	Total State Amount:	\$18,570,030

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.45
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	550.45

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

JMEUC  
S340686-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

### Priority List Rank

242

### County

Union

### Existing Population

450,000

### Service Area

The Joint Meeting's system serves an area of approximately 65 square miles. Wastewater is collected from the Joint Meeting's eleven members, one customer, and seven other communities. Member (owner) communities include all or portions of: East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. The City of Elizabeth is served as a customer by the Joint Meeting. Joint Meeting's service and planning area's outer boundaries of its Wastewater Management Plan (WMP) are essentially the same, with the exception of the Borough of New Providence, the City of Summit and the Township of Berkeley Heights. New Providence owns and operates a wastewater treatment plant that receives all of the flow originating in New Providence and small sections of Summit and Berkeley Heights. The maximum allowable flow to be pumped from the New Providence plant to the Joint Meeting plant, via Summit's conveyance system, is 3.0 MGD.

### Need for Project

The purpose of the proposed Waste Gas Burner Upgrades is to reduce maintenance and increase reliability of the waste gas burner system as well as to install new enclosed flares that meet current NJDEP air quality permitting requirements. The purpose of the proposed Miscellaneous Building Rehabilitation is to perform repairs on various structures throughout the plant to reduce the potential for structural and architectural failures which could pose safety hazards. The purpose of the proposed New Primary Tunnel Building Construction is to eliminate the permit required confined space and to replace severely corroded piping within the existing Primary Tunnel. The tunnel limits access to piping and equipment for maintenance or replacement and can become a safety hazard to plant personnel.

### Project Description

Capital Improvement Projects 2019 consisting of the three following projects: Waste Gas Burner Upgrades - replacement of the existing waste gas burners at the Digester Building and Sludge Storage Tanks with state-of-the-art enclosed flares to meet current air emission permitting requirements. Miscellaneous Building Rehabilitation - Rehabilitation of various structures including concrete repairs and/or reconstruction in the Screen House, Old Chlorine Building, Chlorination Building, Aeration Gallery and Waste Gas Building; replacement of brick veneer panels and supporting walls on the Dewatering Building; replacement of the coping and brick facade on the Sludge Storage Tanks. New Primary Tunnel Building Construction - Construction of a new building adjacent to the existing Primary Tunnel at the influent end of the Primary Settling Tanks to eliminate the permit required confined space and replace severely corroded piping in the tunnel and installation of new primary sludge pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-03	Eligible Project Cost:	\$7,638,655
Rank:	242		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Egg Harbor Municipal Utilities Authority  
S340579-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

242

**County**

Ocean

**Existing Population**

20,065

**Service Area**

The portion of the sanitary sewer system that the LEHMUA owns and operates is like most Towns in Ocean County and Southern Monmouth County. The owner of the sanitary system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). Undermost conditions the waste is fed down a Township road till it intersects a county road where it ties into the sanitary main owned by the OCUA where it continues to an OCUA plant for treatment. The Authority owns, operates and maintains a sanitary sewer collection system that presently serves 8,614 active residential and 221 commercial customer accounts for a total of 8,835 customer accounts.

**Need for Project**

The LEHMUA had multiple pipe collapses in the past 8 - 10 years, and emergency repairs were required to fix them. The material and age of the pipes require cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the residents to raw sewer inside their properties, of in the roads.

**Project Description**

The proposed work includes the installation of approximately 6,000 linear feet (LF) of new 8-inch diameter PVC sanitary sewer main, 165 lateral sanitary sewer connections (funded to the cleanout), and 15 new sanitary sewer manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-02	Eligible Project Cost:	\$1,930,210
Rank:	242		
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**

242

**County**

Ocean

**Existing Population**

20,065

**Service Area**

The portion of the sanitary sewer system that the LEHMUA owns and operates is like most Towns in Ocean County and Southern Monmouth County. The owner of the sanitary system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). Undermost conditions the waste is fed down a Township road till it intersects a county road where it ties into the sanitary main owned by the OCUA where it continues to an OCUA plant for treatment. The Authority owns, operates and maintains a sanitary sewer collection system that presently serves 8,614 active residential and 221 commercial customer accounts for a total of 8,835 customer accounts.

**Need for Project**

The LEHMUA had multiple pipe collapses in the past 8 - 10 years, and emergency repairs were required to fix them. The material and age of the pipes require cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the residents to raw sewer inside their properties, of in the roads.

**Project Description**

Originally, the proposed work included installation of approximately 6,300 LF of new 8-inch diameter PVC sanitary sewer main, 30 LF of new 18-inch diameter PVC sanitary sewer main, approximately 745 LF of new 6-inch diameter ductile iron sanitary sewer force main pipe, 200 lateral sanitary sewer connections, and 41 sanitary sewer manholes. Little Egg Harbor Municipal Utilities Authority now proposes to include approximately 60 LF of additional sewer piping that will run perpendicular to the proposed new water main in Twin Lakes Boulevard and Lake Champlain Drive. Each of the new pipes will extend from the sewer mains approximately 60 LF down each side street. The proposed changes to the sanitary sewer main scope of work includes the installation of approximately 38 additional new manholes, 33 new 8-inch to 18-inch Hymax couplings, approximately 2,700 LF of additional new 8-inch diameter PVC sanitary sewer mains, approximately 1,170 LF of additional new 18-inch diameter PVC sanitary sewer mains, and all associated fittings and appurtenances. The new 18-inch diameter PVC sanitary sewer main mentioned above will replace approximately 930 LF of existing 12-inch diameter PVC piping.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Municipal Utilities Authority		
Project No.:	S340579-05	Eligible Project Cost:	\$4,179,180
Rank:	242		
County:	Ocean	Total State Amount:	\$4,179,180

**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	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Little Egg Harbor Municipal Utilities Authority  
S340579-05  
Sanitary Sewer System Rehabilitation

### Priority List Rank

242

### County

Ocean

### Existing Population

20,065

### Service Area

This portion of the sanitary sewer system that the LEHMUA owns and operates is like most Towns in Ocean County and Southern Monmouth County. This project is the second phase of multiple phases plan to renovate and upgrade the entire portion of the system for this section which is now in excess of 60 years old. The owner of the sanitary system is responsible for the conveyance of waste to a connection point with Ocean County Utilities Authority (OCUA). Under most conditions, the waste is fed down a Township road until it intersects a county road where it ties into the sanitary main owned by the OCUA where it continues to the OCUA plant for treatment. The Authority owns, operates and maintains a sanitary sewer collection system that presently serves 9,209 active residential and 228 active commercial customer accounts for a total of 9,437 customer accounts.

### Need for Project

The LEHMUA has had multiple pipe collapses throughout each year and emergency repairs have been 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 cause exposure to residents of raw sewer and sewer gases inside their properties or roadways.

### Project Description

The proposed work includes the installation of approximately 9,840 linear feet (LF) of new 8-inch diameter SDR-35 Polyvinyl Chloride (PVC) sewer distribution main and 376 lateral sanitary sewer service connections (funded to the cleanout), and 35 new sanitary sewer manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delran Township		
Project No.:	S340794-09	Eligible Project Cost:	\$750,544
Rank:	243		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Delran Township  
S340794-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

243

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delran Township		
Project No.:	S340794-10	Eligible Project Cost:	\$1,998,000
Rank:	243		
County:	Burlington	Total State Amount:	\$1,998,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.016896
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.016896

**Project Name, Number**

Delran Township  
S340794-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

243

**County**

Burlington

**Existing Population**

16,896

**Service Area**

The station accepts flow from an 18-inch diameter gravity trunk sewer that conveys wastewater flows generally from portions of Delran Township east of Route 130 and south of Chester Avenue. Flow from the Township's Waters Edge and Summerhill Pump Stations are also tributary to the Clay Street Pump Station.

**Need for Project**

The purpose of the proposed project is to increase the reliability of the sewage pumping station and reduce the level of maintenance required to keep the pump station operational. The removal of the underground dry well will eliminate the extensive confined space safety procedures required to operate and maintain the pump station. The condition of the dry well also creates a potential hazard for maintenance personnel. New submersible pumps will replace existing worn pumps which were installed in 1993. Odor and corrosion control is needed to increase the operational life of equipment and structures.

**Project Description**

The improvements proposed to the Township's Clay Street Pump Station include converting the existing station to a submersible type station whereby new submersible sewage pumps on rails will be installed in the existing wet well which will be rehabilitated. A hoist will be provided so that the new pumps can be lifted out of the wet well from above. All electrical equipment and controls will be located above ground in an existing fiberglass building. A new precast concrete valve vault, a comminutor to replace the existing screening basket and a Bioxide odor control system will be installed as well. Also, the southwest corner of the pump station site will be stabilized to maintain the existing fence line, rough grading in the gravel driveway area will be performed to eliminate ponding and the existing manhole frame and cover in the driveway will be raised to meet the new grade. In addition, the force main discharge manhole will be replaced.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-07	Eligible Project Cost:	\$75,000
Rank:	244		
County:	Sussex	Total State Amount:	\$75,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.015888
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.015888

**Project Name, Number**

Hopatcong Borough  
S340488-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

244

**County**

Sussex

**Existing Population**

15,888

**Service Area**

The Hopatcong Sewer Department provides sanitary sewer service in the Borough of Hopatcong. The customers are primarily residential except for municipal facilities, schools and some small businesses. The sanitary sewer system does not serve the entire Borough. The system presently has approximately 3,000 active accounts. Assuming 3 persons per account, the system supplies approximately 9,000 persons, or 63 percent of the total population. Residents not connected to the municipal sanitary sewer system have septic systems. The homeowners frequently turn to the municipal sanitary sewer system when their septic systems fail.

**Need for Project**

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (15 years).

**Project Description**

The Borough of Hopatcong wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough of Hopatcong (the Borough) owns, operates, and maintains a sanitary sewerage distribution system which benefits approximately 9,000 residents through approximately 3,000 connections. The Borough's sanitary sewer system consists of transmission mains, force mains, low pressure sewers, lateral connections, and pumping stations. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers, and potential customers. The Borough proposes to proceed with the following program of activities at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Geographic Information System (GIS) Update



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-08	Eligible Project Cost:	\$2,220,550
Rank:	245		
County:	Atlantic	Total State Amount:	\$2,220,550

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.014791

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hammonton Town  
S340927-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

245

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-06	Eligible Project Cost:	\$325,117
Rank:	245		
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	15
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.014791

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hammonton Town  
S340927-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

245

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Totowa Borough		
Project No.:	S340778-01	Eligible Project Cost:	\$985,189
Rank:	246		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Totowa Borough  
S340778-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

246

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Freehold Borough		
Project No.:	S340304-02	Eligible Project Cost:	\$430,399
Rank:	247		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Freehold Borough  
S340304-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

247

**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 I within the system.

**Project Description**

This proposed project may include the grouting and sealing of leaking manholes and sewer lines repair or adjustments of defective manhole covers and other minor rehabilitation measures.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-04	Eligible Project Cost:	\$403,745
Rank:	248		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hightstown Borough  
S340915-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

248

**County**

Mercer

**Existing Population**

5,494

**Service Area**

Borough of Hightstown

**Need for Project**

The existing VCP (Clay) sewer transmission lines are experiencing excessive infiltration and inflow. This is increasing the treatment costs at the Wastewater Treatment Plant and causing overflows.

**Project Description**

The proposed 15-inch sanitary sewer line will help remediate the infiltration/inflow situation by preventing the leakage of groundwater into the collection system and therefore reducing the treatment costs at the plant as well as the transmission lines maintenance costs. This will also increase the capacity of the collection system. The existing deteriorated lines will be capped and abandoned.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-01	Eligible Project Cost:	\$708,917
Rank:	249		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manasquan River Regional Sewerage Authority  
S340911-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

249

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delanco Sewerage Authority		
Project No.:	S340956-03	Eligible Project Cost:	\$1,470,000
Rank:	250		
County:	Burlington	Total State Amount:	\$1,470,000

**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	0.004283
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.004283

**Project Name, Number**

Delanco Sewerage Authority  
 S340956-03  
 Sanitary Sewer System Rehabilitation

**Priority List Rank**

250

**County**

Burlington

**Existing Population**

4,283

**Service Area**

The service area for this project is the Delanco Sewerage Service area, which generally follows the municipal boundaries of the Township of Delanco with a few areas that are serviced by septic. The project itself will benefit infrastructure which includes <90% of all flow (the trunkline) as well as 100% of the sewerage in the service area (West Avenue Pump Station)

**Need for Project**

The lining of the trunkline, manholes and lateral connections will serve to reset the effective life of the deteriorated system, reduce I&I, and effectively increase the capacity of the main. The replacement of the pumps/controls at the West Ave. PS, the addition of emergency backup pumps and SCADA system will address a number of existing issues in the collection system at the PSs and improve operations. The pumps/controls at West Avenue were effectively obsolete for several years and work arounds and used replacement parts are needed to maintain operations. Emergency Backup Pumps will replace the aging and problematic generators which are relied on heavily due to frequent drops and loss of city power. They provide an extra level of redundancy for operations at the stations. SCADA would replace landlines which are unreliable in foul weather events, will reduce response times, and allow the operators to monitor the stations and allow for an informed response to emergencies.

**Project Description**

The project consists of two sub-projects designed to address the aging infrastructure in the Delanco Sewerage Authority's collection system. The first sub-project includes the CIP lining of the existing sanitary sewer trunkline within Delanco Township. This includes approximately 8,000 LF of 15" and 16" gravity sewer main, constructed of vitrified clay and asbestos cement pipe that was constructed in the 1940s. The trunkline is responsible for conveying over 90% of the Authority's waste to the neighboring Beverly Sewerage Treatment Plant. The proposed work includes the lining of the various sewer mains, rehabilitation of the associated manholes and lateral connections that were found to in need of rehabilitation based on a 2019 CCTV Inspection Project. The second sub-project includes improvements to the Authority's three (3) pumping stations. This work includes the replacement of pumps and controls at the West Avenue Pumping station, which is responsible for 100% of the Authority

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Bound Brook Borough		
Project No.:	S340347-01	Eligible Project Cost:	\$1,191,434
Rank:	251		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Bound Brook Borough  
S340347-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

251

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-02	Eligible Project Cost:	\$82,822,000
Rank:	252		
County:	Hunterdon	Total State Amount:	\$82,822,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	501.5

**Project Name, Number**

New Jersey Water Supply Authority  
S340421-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

252

**County**

Hunterdon

**Existing Population**

1,500,000

**Service Area**

The Round Valley Reservoir is part of Raritan Basin System, which provides the basic source of raw water supply to a number of public and private water utilities serving more than 1,500,000 people in central New Jersey. It is located in Clinton Township, Hunterdon County and is filled by pumping with water from the South Branch of the Raritan River via the Authority-owned South Branch Pumping Station. Water is released into the South Branch of the Rockaway Creek, a tributary to the main stem of the Raritan River or water is released to the South Branch of the Raritan River. The released water helps to maintain minimum passing flows in the South Branch and main stem Raritan River.

**Need for Project**

The integrity of the structures in the Spruce Run-Round Valley Reservoir system is integral to compliance with the requirement to maintain minimum passing flows in the Raritan River at 3 locations. Passing flows maintained by releases from the outlet structures at Round Valley and Spruce Run maintain ecological health of the river. Permitted discharges from downstream wastewater treatment plants also rely on these passing flows, therefore, the reservoir structures protect water quality. Catastrophic failure of these structures would result in the inundation of many downstream land uses including critical wastewater infrastructure. Refurbishing the structures now will provide long term risk reduction and increased resiliency for vital downstream infrastructure including water and wastewater treatment plants. Engineering design standards have advanced since the structures were designed and built.

**Project Description**

Decrease seepage by grouting at abutments; enhance, replace and/or install additional filters and drainage improvement features (chimney drain); install and improve instrumentation; flatten slopes to increase stability; remove and replace previous repairs to south structure; reestablish survey monumentation; install and improve security cameras; repair leak near the invert of the south tower; replace 10-inch pipe connecting force main and south valve vault; study, repair, replace and/or abandon low-level valve release; full inspection of all reservoir structures; rehabilitation of pumps #4, #5, #7, and #8 at South Branch Pumping Station; refill reservoir by pumping.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Tuckerton Borough		
Project No.:	S340034-05	Eligible Project Cost:	\$3,188,640
Rank:	252		
County:	Ocean	Total State Amount:	\$3,188,640

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.003371
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003371

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Tuckerton Borough  
S340034-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

252

**County**

Ocean

**Existing Population**

3,371

**Service Area**

A portion of the Borough of Tuckerton's Sewer Service Area

**Need for Project**

The water quality based need for the project will be satisfied by the replacement of old cracked sewer mains and laterals and the replacement of old manhole with new watertight manhole which will reduce infiltration and increased sewer flows into the conveyance system and eliminate potential groundwater and surface water contamination. In addition new water meters will provide for water conservation.

**Project Description**

The project consist of the replacement of old deteriorated sewer mains, manholes, sewer laterals, water meters and meter pits located on Curlew Rd., Kingfisher Rd. and Bass Rd. in the Borough of Tuckerton.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Tuckerton Borough		
Project No.:	S340034-03	Eligible Project Cost:	\$1,405,206
Rank:	253		
County:	Ocean	Total State Amount:	\$1,405,206

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.003347
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003347

**Project Name, Number**

Tuckerton Borough  
S340034-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

253

**County**

Ocean

**Existing Population**

3,347

**Service Area**

The project will effect the 118 residential properties located on Heron Rd. The Borough of Tuckerton is located with the Southern Service area for Ocean County Utilities Authority. The Borough is bordered by Little Egg Harbor Twp. to the North, South and West and by the Barnegat Bay to the East. The sewer flows by gravity to the Tuckerton Beach Pump Station located on S. Green St..

**Need for Project**

The proposed project is to replace old terracotta sewer mains which show signs of cracks, breaks, spalls and settlement and which contributes to the increased cost due to infiltration. The system was cleaned and video inspected to confirm the extent and need for replacement.

**Project Description**

The project consist of the replacement of the existing sanitary sewer mains, manholes and service laterals located within on Heron Road, which is located in the Tuckerton Beach section of the Borough.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delanco Sewerage Authority		
Project No.:	S340956-02	Eligible Project Cost:	\$1,854,849
Rank:	254		
County:	Burlington	Total State Amount:	\$1,854,849

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.003237
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	465.003237

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Delanco Sewerage Authority  
S340956-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

254

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Seaside Heights Borough		
Project No.:	S340236-01	Eligible Project Cost:	\$3,913,060
Rank:	255		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Seaside Heights Borough  
S340236-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

255

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Avalon Borough		
Project No.:	S340864-01	Eligible Project Cost:	\$1,530,125
Rank:	256		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Avalon Borough  
S340864-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

256

**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 replacing/relocate 11th Street Pump Station and stormwater outfall.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-05	Eligible Project Cost:	\$775,000
Rank:	257		
County:	Essex	Total State Amount:	\$775,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.037669
BDA Points				0
Transit Villages				10
TOTAL POINTS				460.037669

**Project Name, Number**

Montclair Township  
S340837-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

257

**County**

Essex

**Existing Population**

37,669

**Service Area**

The MSA service area (a.k.a. the “planning area”) includes all of Montclair Township, Essex County, New Jersey. The Township of Montclair covers a geographic area of 6.16 square miles. The Township is situated on the east-facing slope of the first Watchung Mountain and is bounded to the north by Clifton and Little Falls in Passaic County, to the south by the Township of Orange (Essex County), to the east and northeast by Bloomfield, Glen Ridge and East Orange (all Essex County), and to the south and west-northwest by Verona (Essex County), Cedar Grove (Passaic County), West Orange and Orange (both Essex County).

**Need for Project**

Manholes of the existing collection system are deteriorated and subject to inflow and infiltration resulting in excess flows in the sewer system due to admission of groundwater to the system. The sewer manholes in the system are largely constructed of brick and most are over one hundred years old. Specific areas have been identified as the target area for the collection system rehabilitation program; the scope of this project is specific to manholes of sewer mains that were recently rehabilitated under projects -03 and 04. These areas have been selected due to the high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system. These conditions would hazard public and environmental health, and would require greater disruption for emergency repairs than would a planned approach by addressing complete replacement of manhole frame and covers and structural rehabilitation of the manhole itself.

**Project Description**

The Township of Montclair Sewer Authority (MSA) will rehabilitate sanitary sewer collection Manholes. The scope of this project is to address manholes from the same sanitary sewer segments that were rehabilitated under NJEIPF Project No.s S340837-03 and 04 projects. These manholes are deteriorated and subject to inflow and infiltration (I&I) resulting in excess of groundwater infiltration to the system. MSA has planned for the repair/rehabilitation of the affected manholes to assure that wastewater is safely conveyed through the sewers to the regional wastewater treatment facility and reducing excess flows due to groundwater infiltration.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-04	Eligible Project Cost:	\$1,682,173
Rank:	257		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Montclair Township  
S340837-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

257

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Orange City		
Project No.:	S340859-01	Eligible Project Cost:	\$964,562
Rank:	258		
County:	Essex	Total State Amount:	\$964,562

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03173
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.03173

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Orange City  
S340859-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

258

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Orange City		
Project No.:	S340859-03	Eligible Project Cost:	\$3,377,600
Rank:	259		
County:	Essex	Total State Amount:	\$3,377,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.030134
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.030134

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Orange City  
S340859-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

259

**County**

Essex

**Existing Population**

30,134

**Service Area**

City of Orange Township New Jersey, Essex County

**Need for Project**

Elimination of infiltration, inflow and exfiltration in and out of sanitary system.

**Project Description**

Providing for various improvements including repairs, remediation and replacement of the sewer lines and stormwater collection system, including survey of sanitary sewer leaks and stormwater capacity. Pursuant to NJ DEP Violations NJAC 7:19-6.6; 7:19-6.6;7:19-6;7:10-11.6;7:19-11.5(i);7:19-11.2 Collection System Remediation. Orange Twp Waste Water Collection System is made up of a network of 30.6 Miles of pipe divided into a series of 4 major sewer basins. The work will occur at multiple sites, some within the public right-of-way. OWW serves as the collection system for public and commercial centers, as well as residential neighborhoods. The purpose of the OWW Sewer Rehabilitation Project is to upgrade and rehabilitate aging pipes and distribution lines. Cracked sewer pipes and laterals allow outside rainwater and groundwater to flow into the sewer system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-06	Eligible Project Cost:	\$1,005,872
Rank:	260		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cranford Township  
S340858-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

260

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pleasantville City		
Project No.:	S340752-03	Eligible Project Cost:	\$3,135,562
Rank:	261		
County:	Atlantic	Total State Amount:	\$3,135,562

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020249
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.020249

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pleasantville City  
S340752-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

261

**County**

Atlantic

**Existing Population**

20,249

**Service Area**

The project will serve the City of Pleasantville. Specifically, the sanitary sewer replacement projects are located on Collings Avenue, Decatur Avenue, Ansley Boulevard and Ridgewood Avenue. Also, sewage grinding systems are planned at the California Avenue and the Woodland Avenue pump stations.

**Need for Project**

The sewer service system in the described areas is old and in need of replacement. If replacement, the chance of leaking and contamination is reduced.

**Project Description**

This project includes the replacement of sanitary sewer lines on Collins Avenue, Decatur Avenue, Ansley Boulevard and Ridgewood Avenue. In addition it will include the installation of a sewage grinder system. at the Woodland Ave. and California Pump Station.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Morristown Town		
Project No.:	S340376-04	Eligible Project Cost:	\$8,621,779
Rank:	262		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Morristown Town  
S340376-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

262

**County**

Morris

**Existing Population**

16,790

**Service Area**

Town of Morristown

**Need for Project**

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the town's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

**Project Description**

This proposed project will be for the minor rehabilitation of sections of sanitary sewer pipe grouting of sewer lines grouting and sealing leaking manholes and repair or adjustments of defective manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Collingswood Borough		
Project No.:	S340291-04	Eligible Project Cost:	\$800,440
Rank:	263		
County:	Camden	Total State Amount:	\$800,440

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013926
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	460.013926

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Collingswood Borough  
S340291-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

263

**County**

Camden

**Existing Population**

13,926

**Service Area**

The Borough of Collingswood is a small municipality (2.0 +/- square miles) located in Camden County, NJ. According to the 2010 United States Census it has a population of 13,926. It shares municipal borders with the City of Camden, Haddon Township, Borough of Oaklyn, Pennsauken Township and the Borough of Woodlynne. Cooper River forms the northerly municipal boundary and Newton Creek forms the southerly boundary. The Highspeed Line (a railroad corridor to Philadelphia, PA) approximately bisects the Borough in the northwest/southeast direction. As designated by the State of New Jersey, the Borough is located within Planning Area (PA) 1, which is the Metropolitan Planning Area.

**Need for Project**

The Borough is responsible for maintaining the sanitary sewer lines throughout the municipality, and in order to continue sewer service throughout the community, the system requires periodic upgrades and maintenance. These upgrades and maintenance activities are scheduled and planned, in order to maintain the system in good operating condition. Sections of the system are aging and approaching the anticipated lifespan for adequate operation. System upgrades are necessary and must be completed for the Borough to fulfill its obligation of providing sanitary sewer service to its residents and businesses. The municipality has a contractual obligation to provide sanitary sewer services, and to make capital improvements as necessary to fulfill that obligation.

**Project Description**

In general, the work on this project consists of the rehabilitation and removal and replacement of the existing Harrison Avenue sanitary sewer main for the Borough of Collingswood, Camden County, New Jersey.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-01	Eligible Project Cost:	\$708,917
Rank:	264		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Matawan Borough  
S340967-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

264

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Amboy City		
Project No.:	S340018-01	Eligible Project Cost:	\$244,515
Rank:	265		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Amboy City  
S340018-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

265

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-20	Eligible Project Cost:	\$13,379,680
Rank:	266		
County:	Middlesex	Total State Amount:	\$13,379,680

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.036148
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	451.036148

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-20  
Flood Resiliency

**Priority List Rank**

266

**County**

Middlesex

**Existing Population**

1,036,148

**Service Area**

The Middlesex County Utilities Authority (MCUA) owns and operates a regional wastewater treatment facility referred to as the Central Treatment Plant (CTP) that serves 36 municipalities within Middlesex County and portions of Somerset and Union Counties in Central New Jersey.

**Need for Project**

The replacement of the existing mechanically cleaned screens, and the installation a screening conveyor and washer compactor at the Green Brook Pump Station will reduce the screenings load conveyed to the downstream Sayreville Pump Station. Additionally, the proposed floodproofing improvements and permanent generator to be constructed at the pump station will allow for the continued conveyance of wastewater during certain flooding events up to the design flood elevation. The existing Bound Brook Pump Station is in excess of 60 years old and is functionally obsolete. Replacement of the pump station will allow the Authority to continue to provide uninterrupted wastewater conveyance service to the residents and businesses within the Borough of Bound Brook and a portion of Bridgewater Township. The Landfill Gas Booster Pump Improvements project is a part of the Authority's overall wastewater collection and treatment system and failure of the facility will cause disruption to the system.

**Project Description**

The Authority will be undertaking Pump Station Rehabilitation which consists of three (3) projects: 1) Bound Brook Pump Station (BBPS) Replacement; 2) Green Brook Pump Station (GBPS) Screening and Other Improvements; and 3) Landfill Gas Booster Pump Improvements and Relocation. The BBPS includes replacement of the existing 60 years old plus pump station with a new pump station consisting of submersible pumps, solids handling, control valves, an emergency generator, interconnecting pipe and flood protection. The GBPS includes replacing the 3 existing mechanically cleaned screens, the installation of a screenings collection and conveyance system, upgrading the pump station heating and ventilation systems, installing an emergency generator and flood proofing of the facility. The LFG Booster Pump Improvements include the installation of three new blowers and associated electric and controls inside the recently constructed Edison PS floodwalls and abandonment of the existing blowers.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-14	Eligible Project Cost:	\$16,968,376
Rank:	267		
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**

267

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-12	Eligible Project Cost:	\$111,313,758
Rank:	267		
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**

267

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-16	Eligible Project Cost:	\$18,085,560
Rank:	267		
County:	Middlesex	Total State Amount:	\$18,085,560

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.8677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.8677

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-16  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

267

**County**

Middlesex

**Existing Population**

867,700

**Service Area**

Borough of Bound Brook, East Brunswick Sewerage Authority, Township of Edison, Franklin Township Sewerage Authority, Township of Green Brook, Borough of Highland Park, Borough of Metuchen, Borough of Middlesex, Monroe Township, City of New Brunswick, Borough of Milltown, Township of North Brunswick, Old Bridge Township Utility Authority, Township of Piscataway, Borough of North Plainfield, Borough of Watchung, Township of Scotch Plains, City of Plainfield, Borough of Sayreville, Borough of South Bound Brook, Township of South Brunswick, Borough of South Plainfield, Borough of South River, Borough of Spotswood, Borough of Dunellen and Borough of Fanwood.

**Need for Project**

The MCUA will be rehabilitating a portion of its Main Trunk Sewer and meter chambers through this Project. There will be minimal impact to surface waters during construction however the rehabilitation work will significantly reduce the potential of adverse impacts from the failure of old and deteriorated sanitary sewers and structures.

**Project Description**

The project encompasses two separate construction Contracts due to the nature of the work and the specialties of prospective bidders. The MCUA is intending to rehabilitate a portion of the Main Trunk Sewer (MTS) located in the northernmost portion of the service area. This is the third phase in several phases required by the Authority to address deterioration within the pipeline most of which was constructed in the 1950's. The variety of facilities to be rehabilitated are included in an effort to take advantage of costly diversion and bypass pumping of flows around the work areas which otherwise would be required to be performed on multiple occasions. The second Contract is for Meter Chamber Rehabilitation, Phase II consisting of the rehabilitation of eleven chambers and various connected pipes through-out the Authority's system. This is the second of multiple phases required to provide structural rehabilitation and apply protective coatings to prevent further deterioration.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-13	Eligible Project Cost:	\$40,894,712
Rank:	267		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-13  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

267

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-07	Eligible Project Cost:	\$8,105,182
Rank:	268		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

268

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-08	Eligible Project Cost:	\$22,180,484
Rank:	268		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

268

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-57	Eligible Project Cost:	\$2,969,927
Rank:	269		
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**

269

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-55	Eligible Project Cost:	\$430,399
Rank:	269		
County:	Ocean	Total State Amount:	\$430,399

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.6
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.6

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean County Utilities Authority  
S340372-55  
Emergency Generator

**Priority List Rank**

269

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340386-25	Eligible Project Cost:	\$3,900,000
Rank:	270		
County:	Bergen	Total State Amount:	\$3,900,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.563365
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.563365

**Project Name, Number**

Bergen County Utilities Authority  
 S340386-25  
 Sanitary Sewer System Rehabilitation

**Priority List Rank**

270

**County**

Bergen

**Existing Population**

563,365

**Service Area**

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirty-eight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five nonmember municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, Hackensack.

**Need for Project**

The NVFM is comprised of 42-inch diameter prestressed concrete cylinder pipe (PCCP). The force main extends a distance of 22,679 feet from Harrington Park Pumping Station to its connection with the Hackensack Valley Trunk Sewer in the Borough of Oradell. A 2014 condition assessment inspection identified concerns and recommended the replacement of segments of the 42-inch PCCP. BCUA plans to replace approximately 260 linear feet of this 42-inch PCCP section. In addition, the project includes the installation of four air release valves along the Northern Valley Force Main and the installation of one air release valve along the Northvale Force Main. The air release valves are proposed at locations of gas pockets that were detected during the condition assessment of the two force mains.

**Project Description**

BCUA's Northern Valley Force Main performed a condition assessment of 42-inch prestressed concrete cylinder (PCCP) pipe and identified segments of PCCP that are need of replacement.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Monmouth County Bayshore Outfall Authority		
Project No.:	S340325-04	Eligible Project Cost:	\$2,600,000
Rank:	271		
County:	Monmouth	Total State Amount:	\$2,600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.55
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.55

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Monmouth County Bayshore Outfall Authority  
S340325-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

271

**County**

Monmouth

**Existing Population**

550,000

**Service Area**

MCBOA serves two customers, the Bayshore Regional Sewerage Authority (BRSA) and the Township of Middletown Sewerage Authority (TOMSA), which collectively serve most of the communities along the Bayshore. These communities include the Boroughs of Atlantic Highlands, Highlands, Keansburg, Keyport, Matawan, and Union Beach, as well as, the Townships of Aberdeen, Hazlet, Holmdel, Middletown and a portion of northern Marlboro that is located in the franchise area of the Western Monmouth Utilities Authority but is served by the BRSA.

**Need for Project**

MCBOA owns and operates approximately 72,000 LF of force main, which was constructed in the early 1970s out of PCCP ranging in size from 36-inch to 48-inch in diameter. Due to its large diameter and high internal pressure, failure of PCCP can be catastrophic impacting environmentally sensitive areas including shellfish beds, cause significant property damage, and pose a public safety risk. Since the late 1990's MCBOA has experienced several leaks and/or breaks that have resulted in shellfish bed closures and raised concerns with the potential for force main failure.

**Project Description**

MCBOA's Force Main Rehabilitation Project includes the rehabilitation and/or repair of its existing 14 mile pre-stressed concrete cylinder pipe (PCCP) force main where necessary. Improvements may include internal lining of the existing 36-inch to 48-inch force main, replacement of pipe or joint sections or other miscellaneous improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340709-02	Eligible Project Cost:	\$15,673,755
Rank:	272		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340709-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

272

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-30	Eligible Project Cost:	\$7,375,000
Rank:	273		
County:	Camden	Total State Amount:	\$7,375,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.507
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.507

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-30  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

273

**County**

Camden

**Existing Population**

507,000

**Service Area**

Camden County, NJ

**Need for Project**

conveyance of sanitary wastewater from various locations in the County to the Delaware #1 WPCF

**Project Description**

Electrical system upgrades including switch gear replacement at 4 CCMUA pumping stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-28	Eligible Project Cost:	\$2,550,000
Rank:	273		
County:	Camden	Total State Amount:	\$2,550,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.507
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.507

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-28  
Emergency Repair

**Priority List Rank**

273

**County**

Camden

**Existing Population**

507,000

**Service Area**

Camden County, NJ

**Need for Project**

conveyance of sanitary wastewater from various locations in the County to the Delaware #1 WPCF

**Project Description**

The CCMUA owns and operates 135 miles of interceptors throughout Camden County. One portion of the system, a force main in Berlin Twp, was found to be leaking on November 21, 2019. During the repair, it was determined the pipe was corroded at bottom which was due to forces from outside the pipe which is irregular for a force main break. During the repair, another section of force main began to leak. This section of pipe was corroded in the same fashion as the first. This section was also replaced. Thereafter, another section of pipe was weeping. This section was not repaired because the Authority did not want to "chase" the pipe down the roadway. The CCMUA declared an emergency and hired a design consultant to ascertain the cause of the corrosion and prepare a design for the rehabilitation or replacement of the damaged force main.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340768-02	Eligible Project Cost:	\$15,673,755
Rank:	274		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340768-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

274

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-08	Eligible Project Cost:	\$1,713,312
Rank:	275		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rahway Valley Sewerage Authority  
S340547-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

275

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway Valley Sewerage Authority		
Project No.:	S340547-03	Eligible Project Cost:	\$5,938,953
Rank:	275		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rahway Valley Sewerage Authority  
S340547-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

275

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-24	Eligible Project Cost:	\$998,209
Rank:	275		
County:	Atlantic	Total State Amount:	\$998,209

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.25
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.25

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-24  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

275

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-29	Eligible Project Cost:	\$2,718,518
Rank:	275		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-29  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

275

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-30	Eligible Project Cost:	\$10,063,461
Rank:	276		
County:	Atlantic	Total State Amount:	\$10,063,461

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.229741
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.229741

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-30  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

276

**County**

Atlantic

**Existing Population**

229,741

**Service Area**

The ACUA Wastewater Treatment facility has 14 participating communities (Absecon - 8,283, Atlantic City Sewerage Company - 38,429, Brigantine - 8,963, Egg Harbor City - 4,174, Egg Harbor Township - 43,296, Galloway Township - 36,563, Hamilton Township - 26,408, Linwood - 6,855, Longport - 876, Margate - 6,083, Northfield - 8,360, Pleasantville - 20,732, Somers Point - 10,480, and Ventnor - 10,239) along with outside sludge customers that bring their sludge to the ACUA's facility. Note: Populations totals shown are from 2017.

**Need for Project**

This project will be the replacement of a portion of the ACUA's Ventnor-Margate Forcemain.

**Project Description**

This project will be the replacement of a portion of the ACUA's Ventnor-Margate Forcemain.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-08	Eligible Project Cost:	\$1,753,729
Rank:	277		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

277

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield Area Regional Sewerage Authority		
Project No.:	S340949-05	Eligible Project Cost:	\$3,997,392
Rank:	278		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield Area Regional Sewerage Authority  
S340949-05  
Pump Stations

**Priority List Rank**

278

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-05	Eligible Project Cost:	\$26,849,966
Rank:	278		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

278

**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 is critical to the Authority's ability to protect the environment.

**Project Description**

The proposed project includes replacement of the main pumping station.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-04	Eligible Project Cost:	\$500,308
Rank:	278		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

278

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-11	Eligible Project Cost:	\$13,083,362
Rank:	279		
County:	Middlesex	Total State Amount:	\$13,083,362

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.099585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.099585

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodbridge Township  
S340433-11  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

279

**County**

Middlesex

**Existing Population**

99,585

**Service Area**

The Port Reading Interceptor has experienced odor and corrosion problems for many years. The 36" diameter reinforced concrete gravity sewer receives the majority of the flow from the Borough of Carteret by way of a 15,300 ft long, 27" diameter force main comprised of prestressed concrete cylinder pipe. The condition of this force main has deteriorated. Of the estimated 3.5 MGD dry weather flow in the Port Reading Interceptor, approximately 0.4 MGD of flow is contributed from the Cliff Road Pump Station through 1,200 ft of 12" diameter Ductile Iron force main. Virtually all of the concrete in Port Reading Interceptor above the waterline, as well as the manholes between the discharge of Carteret force main and the Woodbridge siphon are severely corroded due to the presence of hydrogen sulfide (H<sub>2</sub>S) and must be rehabilitated or replaced.

**Need for Project**

NONE

**Project Description**

The Port Reading Interceptor consists of a 36-inch Reinforced Concrete Pipe (RCP) approximate length of 3,594 ft from manhole M1 just downstream of the Carteret metering chamber to the Woodbridge Pumping Station influent manhole just upstream of the Grit Chamber (MH1). Segment 1 includes 16 gravity pipe sections and 17 MH (Interceptor Sewer System). The gravity line is capable of accommodating a 15.93 MGD peak wet weather flow rate. The Port Reading Interceptor carries 3.5 MGD dry weather flow and 11.0 MGD peak wet weather flow. The Borough of Carteret contributes approximately 86% of the flow and 98% of the sulfide to the interceptor Sewer System. The project seeks to rehabilitate the sewer line and manholes to extend their service life cycle. The intent is: 1) Replace all sections of 36" RCP with direct buried 36" centrifugally cast fiberglass reinforced polymer pipe. 2) Replace 15 MH with PVC lined MH

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-12	Eligible Project Cost:	\$28,919,899
Rank:	279		
County:	Middlesex	Total State Amount:	\$28,919,899

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.099585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.099585

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodbridge Township  
S340433-12  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

279

**County**

Middlesex

**Existing Population**

99,585

**Service Area**

The existing Segment 5 is 48-inch RCP pipe traveling approximately 5,050 feet from the Route 440 Siphon Outlet Chamber to the Smith Street Siphon Inlet Chamber. Flow from the Perth Amboy Metering Chamber enters the 48-inch Interceptor upstream of Maplewood Avenue.

**Need for Project**

None

**Project Description**

The Keasbey Interceptor Segment Five consists of a 48-inch Reinforced Concrete Pipe (RCP) (approximate length of 4,545 feet from the Route 440 Siphon Outlet Chamber to the Smith Street Siphon Inlet Chamber located in the Township of Woodbridge. Segment Five includes 21 gravity pipe sections, (20) manholes, the Route 440 Siphon Outlet Chamber, and the Smith Street Siphon Inlet Chamber (Interceptor Sewer System). Flow from the City of Perth Amboy (C/PA) is pumped to the Perth Amboy Metering Chamber and then flows by gravity to the Segment Five Interceptor sewer system upstream of Maplewood Avenue. The Interceptor Sewer System carries 16.1 MGD dry weather flow and 38.1 MGD peak wet weather flow. Overall, Segment Five was found to be in a highly deteriorated condition due to hydrogen sulfide corrosion. Based on these condition assessments, various alternatives were examined for the rehabilitation and the mitigation of odors and corrosion for the Interceptor Sewer System.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Madison-Chatham "MCJM" Joint Meeting		
Project No.:	S340715-07	Eligible Project Cost:	\$7,289,180
Rank:	279		
County:	Morris	Total State Amount:	\$7,289,180

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	500
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	500

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.025139
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	525.025139

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Madison-Chatham "MCJM" Joint Meeting  
S340715-07  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

279

**County**

Morris

**Existing Population**

25,139

**Service Area**

MCJM's service consists of the Borough's of Madison and Borough of Chatham plus a very small area of Chatham Township

**Need for Project**

This project is needed for water quality protection by ensuring the MWPCF's ability to continue providing reliable NJPDES Permit compliance into the future.

**Project Description**

This project consists of improvements to the Molitor Water Pollution Control Facility to replace or repair aging infrastructure which together with the installation of new effluent filtration facilities will enhance performance reliability, resiliency, and efficiency while also reducing the chemical cost of complying with the new effluent limit for phosphorus. This project will not increase the permitted capacity of the MWPCF

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-02	Eligible Project Cost:	\$13,012,687
Rank:	280		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hamilton Township  
S340898-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

280

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-05	Eligible Project Cost:	\$3,032,199
Rank:	280		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hamilton Township  
S340898-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

280

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township		
Project No.:	S340898-04	Eligible Project Cost:	\$6,739,361
Rank:	280		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hamilton Township  
S340898-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

280

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-06-1	Eligible Project Cost:	\$737,578
Rank:	281		
County:	Morris	Total State Amount:	\$737,578

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.093
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.093

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-06-1  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

281

**County**

Morris

**Existing Population**

93,000

**Service Area**

Town of Boonton, Boonton Township, Denville, Dover, Jefferson (48), Kinnelon (32) Mine Hill (65), Randolph (78), Rockaway Borough, Rockaway Township, Roxbury, Victory Gardens, and Wharton

**Need for Project**

This project was needed to prevent the discharge of untreated wastewater to the Rockaway River resulting from Hurricane Irene's destruction of a portion of the Jersey City Trunk Sewer.

**Project Description**

Supplemental loan for the project to replace the portion of the Jersey City Trunk Sewer destroyed during Hurricane Irene with a new pumping station at Monroe Street and a small grinder pumping station at Harrison Street and related force mains and interconnecting sewers, and to rehabilitate approximately 4,900 LF of the existing Jersey City Trunk Sewer.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-06	Eligible Project Cost:	\$6,543,350
Rank:	281		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

281

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-01	Eligible Project Cost:	\$708,917
Rank:	282		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Lakewood Township Municipal Utilities Authority  
S340465-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

282

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-06	Eligible Project Cost:	\$7,944,881
Rank:	283		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

283

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-07	Eligible Project Cost:	\$8,500,000
Rank:	284		
County:	Ocean	Total State Amount:	\$8,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

**Project Name, Number**

Toms River Municipal Utilities Authority  
S340145-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

284

**County**

Ocean

**Existing Population**

91,239

**Service Area**

The Toms River Municipal Utilities Authority (TRMUA) serves ~ 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of ~90,000 with a density of ~2,300 people/sq. mile of land area (Data from <https://datausa.io/profile/geo/toms-river-nj>). The median household income in 2019 was ~\$77,000 (<https://datausa.io/profile/geo/toms-river-nj>). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949.

**Need for Project**

Although the TRMUA has rigorous preventative maintenance programs, regular ongoing studies & inspections have revealed that continuing maintenance and upgrades/rehabilitations are necessary. In this regard the TRMUA has had a Capital Improvement Program (CIP). The goal of the CIP is to ensure that the TRMUA infrastructure is to provide efficient operations while preventing catastrophic failures which could result in a detriment to the surrounding water bodies which are contributory to the Barnegat Bay. The CIP is a result of thorough Infrastructure Inspection and Analysis. Since the TRMUA began aggressive rehabilitation of pipes and manholes beginning in the year 2010, the metered treatment flows have been consistently below the average from previous decades. The reduction has been approximately 400 MG/Yr.

**Project Description**

Dig/Replace Pipe [3 Contracts SRDR-01-20a+SRDR-01-20b+SRDR-01-20c]: Rehabilitate via excavation, removal/replacement of approximately 65 separate locations of different Pipe sections, which suffer from sags, offset joints, etc, and are not conducive to trenchless rehabilitation... Foster Rd Pipe Replacement [Contract SRDR-02-20]: Foster Rd: Replace/abandon sagged, 150 LF of sixteen-inch diameter (ACP, circa 1968) gravity pipe with PVC... Sewer/Manhole Rehabilitation [3 Contracts SR-01-20a+SR-01-20b+SR-01-20c]: Rehabilitate several pipes/manholes, via Cured-In-Place Lining...Replacement/Supplemental Force Main Installs [2 Contracts FM9-01-20+FM24-01-20]: Directionally drill installation of replacement/supplemental force mains to have backup/redundancy to existing force mains, which were installed >45 yrs ago

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-08	Eligible Project Cost:	\$1,358,400
Rank:	284		
County:	Ocean	Total State Amount:	\$1,358,400

**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	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Toms River Municipal Utilities Authority  
S340145-08  
Equipment Purchase (Clean Water)

### Priority List Rank

284

### County

Ocean

### Existing Population

91,239

### Service Area

The Toms River Municipal Utilities Authority (TRMUA) serves ~ 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of ~90,000 with a density of ~2,300 people/sq. mile of land area (Data from <https://datausa.io/profile/geo/toms-river-nj>). The median household income in 2019 was ~\$77,000 (<https://datausa.io/profile/geo/toms-river-nj>). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949.

### Need for Project

The TRMUA aggressively maintains, inspects and repairs conditions of approximately 430 miles of gravity sewer mains and 20 pump stations. The current maintenance work Vehicles and Generators have outlived their useful lives and replacements are needed in order to effectively continue the uninterrupted maintenance of the aging infrastructure. The proposed wetwell-mounted Grinders at four pump stations will be helpful in reducing pump clogs and malfunctions as a result of non-woven fabrics being introduced to the collection system. In effort to ensure the health and safety of the public, the TRMUA plans to install new Grinders at the four pump stations, which have suffered pump malfunctions from cloggings due to fabrics. The wetwell-mounted Grinders shall have a design capable of allowing sufficient flow through the channel while grinding material into fine pieces, small enough to pass through the pumps.

### Project Description

Purchase of (i) One replacement Dump Truck Vehicle, (ii) One replacement Utility Truck Vehicle with Crane, (iii) One replacement JetVac Truck Vehicle, (iv) Three replacement portable generators for Pump Stations #14, 15 & 20 and (v) Four new wetwell-mounted grinders for Pump Stations #24, 25, 26 & 30.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-06	Eligible Project Cost:	\$754,200
Rank:	284		
County:	Ocean	Total State Amount:	\$754,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Toms River Municipal Utilities Authority  
S340145-06  
Equipment Purchase (Clean Water)

**Priority List Rank**

284

**County**

Ocean

**Existing Population**

91,239

**Service Area**

The Toms River Municipal Utilities Authority (TRMUA) serves approximately 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of 90,463 with a density of 2,323 people/sq. mile of land area (2010 Census Data). The median household income in 2018 was \$77,971 (hometownlocator.com). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949 and has been providing public sanitary sewer service to its patrons for 69 years.

**Need for Project**

The TRMUA aggressively inspects interior conditions of approximately 430 miles of gravity sewer mains for purposes of determining necessary pipe repairs/replacements, etc. The current TV Inspection Truck has outlived its useful life and a replacement is needed to effectively continue the uninterrupted assessments of the aging infrastructure. PS 10 has an existing natural gas-powered emergency generator that is at, or nearing, the end of its useful life. In recent years, the existing generator has been utilized during significant storms and heavy winds, due to power losses. It has been determined that the existing stationary, standby generator should be replaced soon, in order to maintain uninterrupted sanitary sewer service. PS 16 is TRMUAs largest pump station, processing ~ 1.2 MGD, and it has been determined that the existing influent channel comminutors are nearing the end of their useful lives. New comminutors/grinders are now desired to promote a smoother influent flow.

**Project Description**

Purchase of (i) One Closed Circuit TV, San Sewer Pipe Inspection Truck, (ii) One NatGas-powered emergency generator (and installation) for PS 10, (iii) Two Comminutors/Dimminutors/Grinders (and installation) for PS 16

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Toms River Municipal Utilities Authority		
Project No.:	S340145-05	Eligible Project Cost:	\$3,100,000
Rank:	284		
County:	Ocean	Total State Amount:	\$3,100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.091239
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.091239

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Toms River Municipal Utilities Authority  
S340145-05  
Sanitary Sewer System Rehabilitation

### Priority List Rank

284

### County

Ocean

### Existing Population

91,239

### Service Area

The Toms River Municipal Utilities Authority (TRMUA) serves approximately 43,000 customers throughout Toms River, Ocean County, New Jersey. Toms River has a population of 90,463 with a density of 2,323 people/sq. mile of land area (Data from hometownlocator.com as of Jul 2018). The median household income in 2018 was \$77,971 (hometownlocator.com). The TRMUA collects wastewater from the Twp of Toms River and portions of the surrounding communities of Lavallette, Island Heights, Berkeley Township, Manchester Township, Brick Township and Jackson Township, through an infrastructure consisting of: approximately 430 miles of gravity sewer mains and collectors; over 9,600 manholes; 20 pump stations and force mains. The collected wastewater is conveyed to the Ocean County Utilities Authority (OCUA) Central Plant for treatment and subsequent disposal. The TRMUA (fka DSA, DMUA) was established in 1949 and has been providing public sanitary sewer service to its patrons for 69 years.

### Need for Project

Although the TRMUA has rigorous preventative maintenance programs, regular ongoing studies & inspections have revealed that continuing maintenance and upgrades/rehabilitations are necessary. In this regard the TRMUA has had a Capital Improvement Program (CIP). The goal of the CIP is to ensure that the TRMUA infrastructure is to provide efficient operations while preventing catastrophic failures which could result in a detriment to the surrounding water bodies which are contributory to the Barnegat Bay. The CIP is a result of thorough Infrastructure Inspection and Analysis. Since the TRMUA began aggressive rehabilitation of pipes and manholes beginning in the year 2010, the metered treatment flows have been consistently below the average from previous decades. The reduction has been approximately 400 MG/Yr.

### Project Description

Dig/Replace Pipe [Contract SRDR-01-19]: Rehabilitate via excavation, removal/replacement of approximately 30 separate locations of different Pipe sections, which suffer from sags, offset joints, etc, and are not conducive to trenchless rehabilitation. Lakehurst Rd Force Main & Foster Rd Pipe Replacement [Contract SRDR-02-19]: Lakehurst Rd: Installation of approximately 550 LF of four-inch diameter (4" ) HDPE, and a separate alignment of approximately 800 LF of four-inch diameter (4" ) HDPE to replace/supplement one (1) existing alignment of 2,400 LF of eight- inch diameter (8" , circa 1965), The two (2) new, Force Mains will serve not only as supplemental/backup to the existing Force Main, but also as a means to inspect the conditions of each Force Main. Foster Rd: Replace/abandon sagged, 150 LF of sixteen-inch diameter (16" , circa 1968) gravity pipe with PVC Sewer/Manhole Rehabilitation [Contract SR-01-19]: Rehabilitate several pipes/manholes, via Cured-In-Place Lining

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-60	Eligible Project Cost:	\$870,000
Rank:	285		
County:	Ocean	Total State Amount:	\$870,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078802
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078802

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Ocean County Utilities Authority  
S340372-60  
Sanitary Sewer System Rehabilitation

### Priority List Rank

285

### County

Ocean

### Existing Population

78,802

### Service Area

The Southern Service Area (SSA) is depicted in Figures 1 and 2. The SSA provides service to the municipalities of Barnegat Light, Beach Haven, Eagleswood, Harvey Cedars, Little Egg Harbor, Long Beach, Ship Bottom, Stafford, Surf City, and Tuckerton. The Authority's SSA is comprised of the SWPCF located in Stafford Township, 13 pump/lift stations, 15 miles of force main, and 27 miles of gravity interceptors. The SWPCF was placed into operation in 1977, provides secondary treatment, and is rated at a capacity of 20 MGD. Effluent is discharged into the Atlantic Ocean through an outfall diffuser located approximately 6,000 feet from the shore of Ship Bottom Beach in accordance with NJPDES Permit No. NJ0026018.

### Need for Project

The Interceptor Rehabilitation project is intended to provide improved effluent quality through improvements to the structural integrity of the influent conveying system as well as improvements to the reliability of these facilities. All improvements will increase the useful life of the facilities. Failure to implement the improvements could result in a spill of raw wastewater, which is not acceptable.

### Project Description

The Manahawkin Interceptor, SI-4 is primarily a 24 inch diameter gravity interceptor located along east bound Rte. 72 in Stafford Township, New Jersey, in the Authority's Southern Service Area. It was installed in 1977 using Pre-stressed Concrete Cylinder Pipe (PCCP). SI-4 conveys wastewater flow from an area beginning at the municipal boundary between Stafford Township and Barnegat Township (west of the Garden State Parkway, Exit 63) and discharges into the SI-2 Interceptor near the intersection of Route 9 and Rt. 72. Cured-in-place pipe technology (CIPP) will be used to rehabilitate approximately 2,139 linear feet of 24-inch diameter PCCP in SI-4 from MH 10-6 to MH 12-2 (See Figure No. 4). This work will also include the rehabilitation of manholes, as required. The CIPP lining will require bypassing of flows while the CIPP liner is installed, and portions of the bypass pipe require minor excavation of existing roads to temporarily bury the bypass pipe.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-03	Eligible Project Cost:	\$3,866,213
Rank:	286		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-03  
Pump Stations

**Priority List Rank**

286

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clifton City		
Project No.:	S340844-01	Eligible Project Cost:	\$430,399
Rank:	287		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Clifton City  
S340844-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

287

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clifton City		
Project No.:	S340844-05	Eligible Project Cost:	\$3,340,073
Rank:	287		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clifton City  
S340844-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

287

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-09	Eligible Project Cost:	\$3,750,000
Rank:	288		
County:	Monmouth	Total State Amount:	\$3,750,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.078413
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.078413

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

288

**County**

Monmouth

**Existing Population**

78,413

**Service Area**

The service area for Two Rivers Water Reclamation Authority (TRWRA) includes its 6 member communities (Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury Borough, and West Long Branch), as well as, 6 customer communities including Rumson, Sea Bright, Shrewsbury Township, Tinton Falls, Eatontown and Red Bank. All communities are located within Monmouth County.

**Need for Project**

TRWRA's existing infrastructure is in need of rehabilitation and/or replacement. Existing components are nearing their life expectancy and in some cases in danger of imminent failure. Portions of the interceptor system being rehabilitated as part of Contracts 169A and 169B are located in easement areas in forested/vegetative areas and various water bodies. Catastrophic failure of these components may result into spillage onto surrounding communities and environmentally sensitive areas impacting the health and safety of its member and customer communities.

**Project Description**

TRWRA proposes three separate contracts for improvements to its collection system and pumping infrastructure. Contracts 169A and 169B, Interceptor Rehabilitation, includes cleaning and internal inspection of 16,000 LF of pipe ranging in size from 18 to 42 inches. Other work included in these contracts includes rehabilitation of approximately 2,500 LF of existing pipe using cured in place liners or other trenchless methods, and manhole lining. Contract 155A, Pump Station Rehabilitation, includes various electrical and mechanical upgrades to its existing Pump Station No. 12. Upgrades include new electrical service, new pump station controllers, VFDs, SCADA, odor control and other miscellaneous equipment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-10	Eligible Project Cost:	\$74,707,702
Rank:	289		
County:	Monmouth	Total State Amount:	\$74,707,702

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.07557
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.07557

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Two Rivers Water Reclamation Authority  
S340117-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

289

**County**

Monmouth

**Existing Population**

75,570

**Service Area**

The TRWRA currently services six member towns: Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury, West Long Branch, and six customer towns: Red Bank, Eatontown, Rumson, Sea Bright, Shrewsbury Township and Tinton Falls. They service 100% of all towns except Tinton Falls and West Long Branch. The TRWRA services approximately 50% of Tinton Falls and the majority of West Long Branch. US Census Factfinder was utilized to determine the populations for each of the member and customer towns.

**Need for Project**

The TRWRA conducted an investigation into the 50-year old 48-inch sewer crossing beneath Pleasure Bay which revealed internal corrosion and cracks in the Pleasure Bay Interceptor (PBI). The internal corrosion has impacted the integrity and reliability of the PBI creating an increase risk of failure. The consequences of failure of the PBI would include interruption of service to the communities. The TRWRA has also identified issues with it's 50-year old Main Pump Station (MPS) which receives the wastewater flows conveyed by all of the TRWRA's sanitary sewer system to it's WWTP, making the MPS a critical asset that must operate under all circumstances. MPS experienced significant structural damage to its wet well during Superstorm Sandy. Operationally, it has been noted that under low flow conditions the MPS may intermittently turn off which results in undesirable flow cycling in the TRWRA's WWTP. Also, there are wet well surges , indicating insufficient pumping capacity.

**Project Description**

Construction of a new 54" Pleasure Bay Interceptor, extending the current 30" Monmouth Beach Interceptor to a new 50 MGD Main Pump Station, installing a new force main to the Headworks/Blower Building, as well as diverting supernatant flow to the new Main Pump Station. Additionally, the project entails demolition of the existing Supernatant Pump Station and Main Pump Station.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-13	Eligible Project Cost:	\$4,060,000
Rank:	290		
County:	Ocean	Total State Amount:	\$4,060,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township Municipal Utilities Authority  
S340448-13  
Sanitary Sewer System - New

**Priority List Rank**

290

**County**

Ocean

**Existing Population**

75,072

**Service Area**

The project service area is located within the public right-of-ways with the Township of Brick, along Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive, and Monterey Drive.

**Need for Project**

The existing water infrastructure is considered under this loan application. The Asset Management Plan (AMP) recommends the replacement of the sanitary sewer mains to meet the public sewer utility standards for the reliable service.

**Project Description**

The proposed project includes a sanitary sewer main replacement of approximately 6,350 linear feet (LF) along Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive, and Monterey Drive, located within the Baywood Section of the Township of Brick, to reinforce the collection system. This replacement includes the installation of 8 and 10 inch polyvinyl chloride (PVC) pipe that consists of site clearing, service laterals, man hole replacement, site restoration, curb to curb paving and related appurtenances. This project was planned as a direct result of the Township's ongoing Water and Sewer System Asset Management plans and will be bid out as a single CONTRACT to coincide with the water main replacement project in the Baywood Section.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-12	Eligible Project Cost:	\$4,824,000
Rank:	290		
County:	Ocean	Total State Amount:	\$4,824,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township Municipal Utilities Authority  
S340448-12  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

290

**County**

Ocean

**Existing Population**

75,072

**Service Area**

Service area consists of Brick Township.

**Need for Project**

The proposed sanitary sewer manhole rehabilitation and replacement is required to improve structural stability, reduce the need for emergency repairs of manhole failures, alleviate potential clogging of sanitary sewer pipe with debris from the deteriorated manholes and prevent from potential infiltration and inflow into the deteriorated manholes.

**Project Description**

The project scope will include rehabilitation and replacement of 74 sanitary sewer manholes in various locations of Brick Township. The manholes show signs of deterioration from moderate to severe. Manholes showing signs of severe deterioration are slated to be replaced, and manholes showing signs of moderate deterioration are slated to be lined with cured-in-place liner. A table detailing the proposed sanitary sewer manhole replacement and lining locations, numbers and sizes is included in the Planning Document.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-11	Eligible Project Cost:	\$5,278,297
Rank:	290		
County:	Ocean	Total State Amount:	\$5,278,297

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075072
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075072

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township Municipal Utilities Authority  
S340448-11  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

290

**County**

Ocean

**Existing Population**

75,072

**Service Area**

Service area consists of Brick Township.

**Need for Project**

The proposed pump station rehabilitation is required to improve pump station effectiveness and efficiency, standardization of equipment and method of operation, provide better access for maintenance, reduce the need to enter confined spaces and perform upgrades for code compliance.

**Project Description**

The Project generally consists of the rehabilitation of nine (9) wastewater pump stations; Lanes Mill Wastewater Pump Station, Pine Meadows Wastewater Pump Station, Riviera Drive Wastewater Pump Station, Sloping Hill Wastewater Pump Station, Cape Breton Wastewater Pump Station, Sea View Village Wastewater Pump Station, Burnt Tavern Manor Wastewater Pump Station, Green Briar II Wastewater Pump Station and Laurel Brook Wastewater Pump Station. The rehabilitation includes converting six (6) dry well/wet well type pump station to submersible type pump stations, converting one (1) eject type pump station to submersible type pump station and replacing existing submersible pumps at two (2) pump stations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-15	Eligible Project Cost:	\$4,733,200
Rank:	291		
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**

291

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-14	Eligible Project Cost:	\$3,089,200
Rank:	291		
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**

291

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-18	Eligible Project Cost:	\$10,060,000
Rank:	291		
County:	Bergen	Total State Amount:	\$10,060,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Northwest Bergen County Utilities Authority  
S340700-18  
Sanitary Sewer System Rehabilitation

### Priority List Rank

291

### County

Bergen

### Existing Population

75,000

### Service Area

The NBCUA provides sanitary sewer service to eleven member municipalities in the northwest section of Bergen County including Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick, as well as, portions of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

### Need for Project

The majority of the NBCUA's interceptor system was constructed in the late 1960's and 1970's and system components are nearing their life expectancy. In recent years, the NBCUA has experienced some failures in their system. The NBCUA's system traverses throughout 11 municipalities in the northwest section of Bergen County most of which travels through easement areas in forested/vegetative land adjacent to wetlands and various water bodies. A catastrophic failure of the system may result in spillage into adjacent communities and environmentally sensitive areas impacting the health and safety of its member customers.

### Project Description

The Authority proposes to rehabilitate two (2) sewer sections of the Trunk Sewer East Interceptor located in an easement area that runs parallel to Franklin Turnpike from Stone Ridge Lane to just south of Rosencrantz Place in the Borough of Ho-Ho-Kus. Work includes cleaning and slip lining approximately 675 lineal feet (LF) of 30" RCP sanitary sewer pipe and miscellaneous site improvements to restore the project site to its original condition. Additionally, as part of the finance application, the Authority proposes to purchase an automated and portable manhole scanner and operating system, the CleverScan Scanning System by EnviroSight; a mobile mounted sewer camera; and a truck mounted combination sewer cleaner to assist in the evaluation and assessment of their existing interceptor mains and manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-19	Eligible Project Cost:	\$8,132,450
Rank:	291		
County:	Bergen	Total State Amount:	\$8,132,450

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.075
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.075

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-19  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

291

**County**

Bergen

**Existing Population**

75,000

**Service Area**

The NBCUA provides sanitary sewer service to eleven member municipalities in the northwest section of Bergen County including Allendale, Ho-Ho-Kus, Midland Park, Ramsey and Waldwick, as well as, portions of Mahwah, Wyckoff, Saddle River, Upper Saddle River, Franklin Lakes and Ridgewood.

**Need for Project**

The majority of the NBCUA's interceptor system was constructed in the late 1960's and 1970's and system components are nearing their life expectancy. In recent years, the NBCUA has experienced some failures in their system. The NBCUA's system traverses throughout 11 municipalities in the northwest section of Bergen County most of which travels through easement areas in forested/vegetative land adjacent to wetlands and various water bodies. A catastrophic failure of the system may result in spillage into adjacent communities and environmentally sensitive areas impacting the health and safety of its member customers.

**Project Description**

The proposed project includes assessment and rehabilitation/repair of the Authority's existing interceptor system based on the criticality of each system component. The existing interceptor mains and manholes are being internally investigated and/or televised to identify potential defect areas and evaluate their feasibility for rehabilitation or repair based on the quantity of flow through the defect, accessibility to the defect and expected life span. Based on the system evaluation, interceptor mains and manholes selected will be rehabilitated or repaired under multiple contracts either using chemical grouting, internal coating systems, Cured-In-Place Pipe (CIPP) lining, sliplining, spiral wound pipe and/or replaced using trenchless or conventional methods.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Valley Regional Sewer Authority		
Project No.:	S340821-09	Eligible Project Cost:	\$1,500,000
Rank:	292		
County:	Morris	Total State Amount:	\$1,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.07009
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.07009

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rockaway Valley Regional Sewer Authority  
S340821-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

292

**County**

Morris

**Existing Population**

70,090

**Service Area**

The member municipalities that are served by RVRSA are: Town of Boonton, Township of Boonton, Township of Denville, Township of Randolph, Borough of Rockaway, Township of Rockaway, Town of Dover, Borough of Victory Gardens and the Borough of Wharton. The Township of Mine Hill and the Picatinney Arsenal are served as customers

**Need for Project**

To restore RVRSA's ability to convey wastewater flow by gravity to the RVRSA WWTP for treatment and water quality protection

**Project Description**

Emergency repair of a section of RVRSA's interceptor in the Town of Boonton



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-04	Eligible Project Cost:	\$1,132,363
Rank:	293		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodbridge Township  
S340433-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

293

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middletown Township Sewer Authority		
Project No.:	S340097-05	Eligible Project Cost:	\$1,760,462
Rank:	294		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middletown Township Sewer Authority  
S340097-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

294

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-08	Eligible Project Cost:	\$7,800,000
Rank:	295		
County:	Monmouth	Total State Amount:	\$7,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.066
BDA Points				0
Transit Villages				0
TOTAL POINTS				450.066

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

295

**County**

Monmouth

**Existing Population**

66,000

**Service Area**

The WMUA provides sewage conveyance and treatment services to the Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold.

**Need for Project**

The Hawkins Road force main was originally constructed in 1976 and the Mill Ponds force main was originally constructed as an 8" force main in 1974 and replaced in 1994 with a 12" force main. In recent years, these force mains have experienced a number of breaks. It was reported by the WMUA that the outside of the force main pipes showed signs of deterioration in locations where the breaks occurred. The Hawkins Road and Mill Ponds force mains have reached the end of their useful lives and we anticipate that these improvements will decrease potential force main breaks and lower maintenance costs.

**Project Description**

The project generally consists of the replacement of the Hawkins Road force main, consisting of approximately 5,300 LF of 14" force main and the replacement of the Mill Ponds force main, consisting of approximately 4,555 LF of 12" force main. The project also include air release manholes, connections to existing force mains, back fill and restoration.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-07	Eligible Project Cost:	\$2,027,500
Rank:	296		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

296

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-05	Eligible Project Cost:	\$4,156,000
Rank:	296		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

296

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-14	Eligible Project Cost:	\$2,110,000
Rank:	297		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

297

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ewing Lawrence Sewer Authority		
Project No.:	S340391-06	Eligible Project Cost:	\$2,718,518
Rank:	298		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ewing Lawrence Sewer Authority  
S340391-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

298

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township Municipal Utilities Authority		
Project No.:	S340364-13	Eligible Project Cost:	\$1,122,734
Rank:	299		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester Township Municipal Utilities Authority  
S340364-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

299

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-10	Eligible Project Cost:	\$3,411,200
Rank:	300		
County:	Somerset	Total State Amount:	\$3,411,200

**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	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

300

**County**

Somerset

**Existing Population**

62,300

**Service Area**

Service Area is Franklin Township Service Area, specifically in and around Somerset Street.

**Need for Project**

Reduction of extraneous flow.

**Project Description**

The proposed project will involve the cleaning and television inspection of approximately 20,000 feet of existing gravity sewer, manhole to manhole cured in place pipe (CIPP) lining, service lateral lining, and manhole rehabilitation. Proposed project will also include minor improvements at the existing pumping station, and installation of a dedicated diesel high flow pump at the existing pumping station to provide for high flow conveyance as peak flows are reduced in the drainage area.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-09	Eligible Project Cost:	\$7,100,000
Rank:	300		
County:	Somerset	Total State Amount:	\$7,100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

300

**County**

Somerset

**Existing Population**

62,300

**Service Area**

Service Area is Franklin Township Service Area, specifically in and around Marcy Street.

**Need for Project**

Reduction of extraneous flow.

**Project Description**

The Franklin Township Sewerage Authority (FTSA) conducted closed circuit television (CCTV) inspection of the sewerage system located in the Marcy Street area. Results of the CCTV inspection determined that a significant portion of the laterals were made up of Orangeburg pipe and showed substantial deterioration. The mainline piping showed signs of deterioration with sections containing dips that were retaining wastewater. The proposed project will involve the cleaning and television inspection of approximately 13,310 feet of existing sewer pipe, gravity sewer and lateral replacement, CIPP lining, service lateral replacement, excavated spot repairs, manhole to manhole cured in place lining (CIPP), manhole rehabilitation, and milling / paving of the roadways. These changes will significantly improve the structural integrity of the sewerage system and reduce extraneous flows into the sewerage system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-06	Eligible Project Cost:	\$16,690,000
Rank:	300		
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
600	0
500	0
450	450
350	0
300	0
275	0
250	0
225	0
150	0
75	0
50	0
300	0
50	0
Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-06  
Pump Stations

**Priority List Rank**

300

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-08	Eligible Project Cost:	\$3,954,040
Rank:	300		
County:	Somerset	Total State Amount:	\$3,954,040

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-08  
Sanitary Sewer System - New

**Priority List Rank**

300

**County**

Somerset

**Existing Population**

62,300

**Service Area**

Urban and Suburban

**Need for Project**

None

**Project Description**

The proposed project generally includes the cleaning and relining of approximately 750 linear feet of existing gravity sanitary sewers, abandonment and filling of 210 linear feet of existing gravity sanitary sewer, installation of 225 linear feet of new gravity sanitary sewer, installation of approximately 970 linear feet of force main and the construction of the Hamilton Street Wastewater Pump Station, including but not limited to, construction of a valve chamber and site paving; installation of submersible pumps, piping, valves, access hatches, stand-by generator, electrical and control equipment, and all other associated work.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-07	Eligible Project Cost:	\$1,960,000
Rank:	300		
County:	Somerset	Total State Amount:	\$1,960,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0623
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0623

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

300

**County**

Somerset

**Existing Population**

62,300

**Service Area**

A portion of the Franklin Township Sewerage Authority service area located in the vicinity of Foxwood Drive and Easton Avenue.

**Need for Project**

Reduction of extraneous flow (infiltration and inflow) to the collection system of the Franklin Township Sewerage Authority.

**Project Description**

Lining of approximately 8,000 linear feet of 8 and 10 inch gravity sewers and repair of laterals in the Foxwood Drive area within the Authority's South Crossing sewer shed.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-05	Eligible Project Cost:	\$2,183,362
Rank:	301		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

301

**County**

Middlesex

**Existing Population**

60,456

**Service Area**

Old Bridge

**Need for Project**

The Authority has an on-going program to eliminate sources of excessive II in their sewer system. The project is needed due to the deterioration of the structural integrity of the sewers. In addition the Rams Field and Farrington Pump Stations are old and need to 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linden Roselle Sewerage Authority		
Project No.:	S340299-05	Eligible Project Cost:	\$389,787
Rank:	302		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Linden Roselle Sewerage Authority  
S340299-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

302

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jackson Township Municipal Utilities Authority		
Project No.:	S340953-02	Eligible Project Cost:	\$2,049,114
Rank:	303		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jackson Township Municipal Utilities Authority  
S340953-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

303

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jackson Township		
Project No.:	S340953-04	Eligible Project Cost:	\$852,000
Rank:	303		
County:	Ocean	Total State Amount:	\$852,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.054856
BDA Points				0
Transit Villages				0
TOTAL POINTS				450.054856

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Jackson Township  
S340953-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

303

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union Township		
Project No.:	S340293-04	Eligible Project Cost:	\$999,117
Rank:	304		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Union Township  
S340293-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

304

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic City		
Project No.:	S340845-01	Eligible Project Cost:	\$3,997,392
Rank:	305		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic City  
S340845-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

305

**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 (II) 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 JetVacuum Truck.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-05	Eligible Project Cost:	\$11,733,500
Rank:	306		
County:	Morris	Total State Amount:	\$11,733,500

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.053238
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.053238

**Project Name, Number**

Parsippany Troy Hills Township  
S340886-05  
Sanitary Sewer System - New

**Priority List Rank**

306

**County**

Morris

**Existing Population**

53,238

**Service Area**

The Lake Hiawatha service area is served by three pumping stations: Lake Hiawatha Pumping station, Pump Station No.4 (PS4) and New Road Pumping Station. Tributary sub-basins in the service area have developed over the last 50 years, and this growth has created hydraulically sensitive areas.

**Need for Project**

Pump station and the force main is at the end of useful life. The 24 inch PCCP force main crosses under Rt 46 and routes through wetlands. Failure of this force main would have significant consequences.

**Project Description**

The Township of Parsippany-Troy Hills (Township) owns and operates a sanitary sewer collection, conveyance and treatment system. The Lake Hiawatha service area is served by Pump Station No. 4. PS4 is the largest wastewater pumping station in the Township's Sewer Service Area, and conveys wastewater to the Township's Wastewater Treatment Plant via 8,900 linear foot, 24-inch diameter, PCCP force main. PS4 and its force main, constructed around 1963, is at the end of its useful life. The force main requires frequent emergency repairs. The pumps station is approaching its flow capacity and needs rehabilitation. Redirecting the flow from this area via a gravity sewer to the existing 72-inch interceptor was identified as the preferred and most feasible alternative. Upon Completion of the proposed gravity sewer connection, PS4 will be taken out of service providing considerable energy savings.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-06-1	Eligible Project Cost:	\$0
Rank:	307		
County:	Somerset	Total State Amount:	\$0

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050903
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.050903

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-06-1  
Sanitary Sewer System - New

**Priority List Rank**

307

**County**

Somerset

**Existing Population**

50,903

**Service Area**

Previously described in NJEIFF Project # S340839-6

**Need for Project**

Previously described in NJEIFF Project # S340839-6

**Project Description**

Supplemental Loan for the Rodney Avenue Project S340839-06 for additional costs incurred during the Construction Phase of the Project. Construction of the Project is complete.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-05	Eligible Project Cost:	\$2,049,114
Rank:	307		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

307

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township Sewerage Authority		
Project No.:	S340839-04	Eligible Project Cost:	\$985,189
Rank:	307		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Township Sewerage Authority  
S340839-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

307

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wayne Township		
Project No.:	S340393-07	Eligible Project Cost:	\$2,049,114
Rank:	308		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wayne Township  
S340393-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

308

**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 Infiltration/Inflow could be removed from the system cost- effectively. This project would ensure the removal of the 1.5 MGD by the accomplishment of this rehabilitation work.

**Project Description**

The proposed Phase I project (C340393-06) is to rehabilitate portions of the existing sewer system in the area of Pines Lake and Packanack Lake. The work for Phase I includes inversion lining of 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 infiltration/inflow for other portions of the existing sewer system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-03	Eligible Project Cost:	\$9,137,611
Rank:	309		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Monmouth Regional Sewer Authority  
S340377-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

309

**County**

Monmouth

**Existing Population**

49,000

**Service Area**

The service area for the Authority includes the municipalities of Belmar, Brielle, Lake Como, Manasquan, Sea Girt, Spring Lake, Spring Lake Heights and approximately 70 of the Township of Wall.

**Need for Project**

During Superstorm Sandy, three (3) existing sanitary sewage pump stations were damaged. Improvements are needed to put the pump stations back online and providing sanitary sewer service. The existing stations are running on bypass which increases the potential for sewage backups and or spillage into adjacent water bodies.

**Project Description**

The Authority proposes various mechanical structural and electrical improvements to its existing Lake Como Station.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-05	Eligible Project Cost:	\$2,718,518
Rank:	309		
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**

309

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-04A	Eligible Project Cost:	\$6,981,600
Rank:	309		
County:	Monmouth	Total State Amount:	\$6,981,600

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.049

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

South Monmouth Regional Sewer Authority  
S340377-04A  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

309

**County**

Monmouth

**Existing Population**

49,000

**Service Area**

n/a

**Need for Project**

n/a

**Project Description**

The Authority proposes various mechanical structural and electrical improvements to its existing Pitney Pump Station.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Brunswick Sewerage Authority		
Project No.:	S340168-01	Eligible Project Cost:	\$1,847,907
Rank:	310		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

East Brunswick Sewerage Authority  
S340168-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

310

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-07	Eligible Project Cost:	\$1,216,398
Rank:	311		
County:	Burlington	Total State Amount:	\$1,216,398

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.045538

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

311

**County**

Burlington

**Existing Population**

45,538

**Service Area**

Evesham Township, Burlington County, New Jersey

**Need for Project**

The Locust Avenue Pumping Station is nearly 50 years old and has reached the end of its useful life. Replacement of the facility will prevent possible overflows due to aged equipment.

**Project Description**

Rehabilitation of the Locust Avenue pumping station. Improvements include a new wetwell, pumps, electrical systems, a Dri-Prime diesel backup pump, site improvements, landscaping and fencing.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-08	Eligible Project Cost:	\$642,000
Rank:	312		
County:	Burlington	Total State Amount:	\$642,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.04538

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

312

**County**

Burlington

**Existing Population**

45,380

**Service Area**

The portion of NJ Route 70 between Conestoga Dr. and NJ Route 73.

**Need for Project**

Restore the structural integrity of ACP that is already beyond the expected useful life and shows significant internal deterioration.

**Project Description**

Install a Cured in Place Pipe (CIPP) liner in approximately 4,600 of 8" diameter Asbestos Cement sanitary sewer pipe. The pipe is approximately 50 years old and video inspection has revealed significant deterioration of the internal pipe material.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-03	Eligible Project Cost:	\$916,350
Rank:	313		
County:	Atlantic	Total State Amount:	\$916,350

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.043323
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.043323

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Egg Harbor Township Municipal Utilities Authority  
S340753-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

313

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-06	Eligible Project Cost:	\$620,184
Rank:	313		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Egg Harbor Township Municipal Utilities Authority  
S340753-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

313

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Laurel Township Municipal Utilities Authority		
Project No.:	S340943-07	Eligible Project Cost:	\$3,135,300
Rank:	314		
County:	Burlington	Total State Amount:	\$3,135,300

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.041864
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.041864

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Laurel Township Municipal Utilities Authority  
S340943-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

314

**County**

Burlington

**Existing Population**

41,864

**Service Area**

The service area of the project includes all of Mount Laurel Township

**Need for Project**

The various improvements will have the beneficial impacts of greatly reducing the risk of overall system failure and provide modern safer operating conditions for the Mount Laurel Township MUA personnel.

**Project Description**

Replacement of Briggs Rd and Library Pump Station Force Main Connections, Replacement of Library Pump Station Force Main and Millstream Force Main Connection and Union Mill Farms Pump Station Force Main Replacement including 20" isolation valve replacement

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township Sewer Authority		
Project No.:	S340969-14	Eligible Project Cost:	\$2,665,000
Rank:	315		
County:	Ocean	Total State Amount:	\$2,665,000

**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	0.04174
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.04174

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Township Sewer Authority  
S340969-14  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

315

**County**

Ocean

**Existing Population**

41,740

**Service Area**

Berkeley Township

**Need for Project**

The replacement of the force main, due to its age, would result in benefits to the water quality of the Barnegat Bay by eliminating emergency repair projects due to failure of the force main. The force main is an essential portion of the wastewater conveyance system. An emergency repair project would disrupt service and could be a threat to the public health, safety, and welfare in terms of beach closings due to the presence of pathogens in the raw sewage. Replacement of the force main will also help eliminate / prevent any impact on shellfish bed closings due to pathogens in the raw sewage.

**Project Description**

Belaire sanitary sewage pumping station #2 is located at the end of Colleran Place and was constructed circa 1968. According to the Authority's maps, it conveys the sewage via a ten inch (10") diameter DIP force main along Colleran Place, Neary Avenue, Brennan Concourse, Bayview Avenue (County Route 617), and discharges into gravity sewer at Evergreen Drive. The length of the force main is approximately 7,400 feet long. Due to the age of the force main (50 years), this project proposes to install a new ten inch force main within the existing rights-of-ways and as closely located to the existing force main service. Manholes for air release valves would also be included.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Brunswick Township		
Project No.:	S340888-04	Eligible Project Cost:	\$2,508,000
Rank:	316		
County:	Middlesex	Total State Amount:	\$2,508,000

**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	0.040742
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.040742

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Brunswick Township  
S340888-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

316

**County**

Middlesex

**Existing Population**

40,742

**Service Area**

The service area for the proposed project consists of the Township of North Brunswick, the Borough of Milltown, and the City of New Brunswick.

**Need for Project**

Video inspection of the Mile Run Interceptor in North Brunswick and New Brunswick showed that certain sections of the pipe contain fractures that can lead to collapse. This interceptor has been identified by the Township as critical infrastructure that requires immediate attention. Replacement and rehabilitation of this line are necessary to avoid detriment to the health, safety, and welfare of the residents of North Brunswick Township.

**Project Description**

Rehabilitation of two sections along the Mile Run Interceptor sewer line which conveys over 90% of the municipality's waste from the township to the MCUA for treatment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Brunswick Township		
Project No.:	S340888-03	Eligible Project Cost:	\$2,376,000
Rank:	316		
County:	Middlesex	Total State Amount:	\$2,376,000

**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	0.040742
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.040742

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Brunswick Township  
S340888-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

316

**County**

Middlesex

**Existing Population**

40,742

**Service Area**

The service area for the proposed project is coterminous with the Township boundary limits.

**Need for Project**

Sanitary Sewer replacement and rehabilitation along Livingston Avenue in North Brunswick Township is being performed because existing sewer mains are approaching the end of their useful design life and to avoid detriment to the health, safety, and welfare of the residents of North Brunswick Township.

**Project Description**

Sanitary Sewer replacement and rehabilitation along Livingston Avenue in North Brunswick Township



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-01	Eligible Project Cost:	\$2,718,518
Rank:	317		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Berkeley Township  
S340969-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

317

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-10	Eligible Project Cost:	\$1,517,473
Rank:	318		
County:	Camden	Total State Amount:	\$1,517,473

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039499
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.039499

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Winslow Township  
S340895-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

318

**County**

Camden

**Existing Population**

39,499

**Service Area**

Winslow Township is a relatively large municipality (58.19 square miles) which is part of the Camden County Wastewater Management Plan (CCWMP) Area and the proposed rehabilitation projects are all within the boundary limits of the CCWMP existing Sewer Service Area (SSA).

**Need for Project**

Winslow Township Department of Municipal Utilities has a contractual obligation to provide sanitary sewer service and conveyance services to its service area, and to make capital improvements as necessary to fulfill that obligation. In order to continue to provide sanitary sewer service, the proposed rehabilitation projects (CIPP lining, spot repairs, and manhole replacements) are necessary to keep the system functioning properly and in good working order.

**Project Description**

This project involves various improvements to the Township's sanitary sewer infrastructure. Improvements include the lining of approximately 2,500 LF of existing sanitary sewer pipe (Asbury Place - 375 LF; Lehigh Manor Drive - 450 LF; Primrose Gate - 1,675 LF), the replacement of approximately 105 LF of existing sanitary sewer pipe (Eastmont Lane - 25 LF; Evergreen Avenue - 80 LF), and the replacement of approximately 2 existing sanitary sewer manholes (South Cedarbrook Road - 1 unit; Thousand Oaks - 1 unit).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-07	Eligible Project Cost:	\$653,528
Rank:	318		
County:	Camden	Total State Amount:	\$653,528

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.039499
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.039499

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Winslow Township  
S340895-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

318

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillsborough MUA		
Project No.:	S340099-03	Eligible Project Cost:	\$10,800,000
Rank:	319		
County:	Somerset	Total State Amount:	\$10,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.038303
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.038303

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hillsborough MUA  
S340099-03  
Sanitary Sewer System - New

**Priority List Rank**

319

**County**

Somerset

**Existing Population**

38,303

**Service Area**

The Township of Hillsborough

**Need for Project**

The replacement of an existing pump station and construction of a new force main to convey the existing and future wastewater flows from the Township of Hillsborough Municipal Utilities Authority sanitary sewer service area.

**Project Description**

Construction of a new Sunnymeade Pump Station to replace the existing pump station and the construction of a new force main.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montclair Township		
Project No.:	S340837-03	Eligible Project Cost:	\$1,395,161
Rank:	320		
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**

320

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Monroe Municipal Utilities Authority		
Project No.:	S340423-05	Eligible Project Cost:	\$300,000
Rank:	321		
County:	Gloucester	Total State Amount:	\$300,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.036129
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.036129

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Monroe Municipal Utilities Authority  
S340423-05  
Equipment Purchase (Clean Water)

**Priority List Rank**

321

**County**

Gloucester

**Existing Population**

36,129

**Service Area**

Used within entire Township

**Need for Project**

Needed to Resolve Infiltration Issues and Maintain Infrastructure

**Project Description**

Purchase of Truck Mounted Remote Controlled Video Pipe Inspection Equipment. At Least 300 Meter Cable Reel Camera, Capable of Front and Rear Directional Video.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-01	Eligible Project Cost:	\$2,013,118
Rank:	322		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Winslow Township  
S340895-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

322

**County**

Camden

**Existing Population**

34,611

**Service Area**

Winslow Township (Sicklersville)

**Need for Project**

The existing collection system in the Township of Winslow is possibly subject to excessive InfiltrationInflow (II).

**Project Description**

The project consists of the rehabilitation of the sewer system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Fort Lee Borough		
Project No.:	S340853-01	Eligible Project Cost:	\$682,636
Rank:	323		
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
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Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Fort Lee Borough  
S340853-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

323

**County**

Bergen

**Existing Population**

32,620

**Service Area**

Borough of Fort Lee

**Need for Project**

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation survey identified excessive I/I in this municipality's sewer system.

**Project Description**

The excessive I/I will be removed by grouting slip lining and other minor rehabilitation methods.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Garfield City		
Project No.:	S340172-01	Eligible Project Cost:	\$3,997,392
Rank:	324		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Garfield City  
S340172-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

324

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-14	Eligible Project Cost:	\$2,374,000
Rank:	325		
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**

325

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-13	Eligible Project Cost:	\$507,500
Rank:	325		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

325

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Monroe Municipal Utilities Authority		
Project No.:	S340423-03	Eligible Project Cost:	\$2,249,480
Rank:	326		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Monroe Municipal Utilities Authority  
S340423-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

326

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-10	Eligible Project Cost:	\$1,396,910
Rank:	327		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

327

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-12	Eligible Project Cost:	\$3,340,073
Rank:	327		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-12  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

327

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township Sewer Authority		
Project No.:	S340750-11	Eligible Project Cost:	\$4,522,375
Rank:	327		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township Sewer Authority  
S340750-11  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

327

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergenfield Borough		
Project No.:	S340378-02	Eligible Project Cost:	\$2,618,381
Rank:	328		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergenfield Borough  
S340378-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

328

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bridgeton City		
Project No.:	S340829-02	Eligible Project Cost:	\$1,387,415
Rank:	329		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bridgeton City  
S340829-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

329

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bridgeton City		
Project No.:	S340829-01	Eligible Project Cost:	\$1,387,415
Rank:	329		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bridgeton City  
S340829-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

329

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bridgeton City		
Project No.:	S340829-03	Eligible Project Cost:	\$456,326
Rank:	329		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bridgeton City  
S340829-03  
Emergency Generator

**Priority List Rank**

329

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340769-02	Eligible Project Cost:	\$1,584,586
Rank:	330		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340769-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

330

**County**

Bergen

**Existing Population**

25,090

**Service Area**

Borough of Carlstadt and portions of Rutherford and East Rutherford

**Need for Project**

The Bergen County Utilities Authority conducted an Infiltration/Inflow (II) analysis and sewer system evaluation survey which concluded that excessive II existed in the sewer system. The correction of this II will be cost-effective and result in the improved operation of a 13.8 MGD pump station used for the conveyance of sewage from the Joint Meeting STP to the Bergen County Utilities Authority system. Water Quality violations are currently experienced for dissolved oxygen fecal coliform and toxics standards due to the raw discharges of the existing Triboro Joint Meeting Treatment plant into the Hackensack River (SE-2).

**Project Description**

The project will consist of rehabilitation work to remove a portion of the excessive II. The rehabilitation project may include repair and/or grouting of sewers and joints sealing manholes repair/replacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ridgewood Village		
Project No.:	S340639-07	Eligible Project Cost:	\$6,046,088
Rank:	331		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ridgewood Village  
S340639-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

331

**County**

Bergen

**Existing Population**

24,860

**Service Area**

Village of Ridgewood

**Need for Project**

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the village's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

**Project Description**

This proposed project will be for the replacement of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes and repair or adjustments of defective manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-58	Eligible Project Cost:	\$3,997,392
Rank:	332		
County:	Ocean	Total State Amount:	\$3,997,392

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.024631
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.024631

**Project Name, Number**

Ocean County Utilities Authority  
 S340372-58  
 Sanitary Sewer System Rehabilitation

**Priority List Rank**

332

**County**

Ocean

**Existing Population**

24,631

**Service Area**

CI-1A is located in the South Seaside Park portion of Berkeley Township, Ocean County. SI-11 is located in the Holgate Section of Long Beach Township, Ocean County. Use of cured-in-place technology will be used to rehabilitate: for CI-1A, approximately 3,630 linear feet of 18-inch diameter PCCP pipe from MH 19-5 to CPS-3; approximately 4,880 linear feet of 24-inch diameter PCCP pipe from MH 15-5 to MH 12-2; approximately 3,370 linear feet of 30-inch diameter PCCP from MH 12-2 to MH 12-1, MH 10-5 to MH 9-1D, MH I-2 to CPS-2 and CPS-2 to MH 8-3; and for SI-11 approximately 315 linear feet of 16-inch diameter PCCP pipe from MH 25-6 to 25-1; and approximately 465 linear feet of 20-inch diameter PCCP pipe from MH 25-1 to SPS-10. This work will also include the rehabilitation of manholes, as required. The Authority does not anticipate that any excavation work will be required for this project.

**Need for Project**

The inspections of the CI-1A interceptor were completed in 2000 and 2010 and portions were found to be in poor condition. This project presents the most cost effective alternative and is designed to protect the integrity of the existing collection system for wastewater conveyance. The Authority's intent is to improve the conveyance system reliability and thus improve the operation of collection facilities to continue to meet the discharge limits and prevent system failures that could result in spills. The construction of the interceptor improvements should provide a higher degree of reliability in the Authority's capability collecting and conveying wastewater.

**Project Description**

The use of Cured-In-Place-Pipe technology to rehabilitate the South Island Beach Interceptor (CI-1A) in the Central Service Area and South Island Interceptor (SI-11) in the Southern Service Area Included in the project for CI-1A is approximately 3,630 linear feet of 18-inch diameter pipe; 4,880 linear feet of 24-inch diameter pipe; and 3,370 linear feet of 30-inch diameter pipe; and for SI-11 is approximately 315 linear feet of 16-inch diameter pipe and 465 linear feet of 20-inch diameter pipe. Total length of this project is approximately 12,660 linear feet. Rehabilitation of interior surfaces of all manholes within the limit of the project is included.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lodi Borough		
Project No.:	S340317-02	Eligible Project Cost:	\$1,780,655
Rank:	333		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lodi Borough  
S340317-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

333

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Madison (MCJM) Borough		
Project No.:	S340715-03	Eligible Project Cost:	\$782,388
Rank:	334		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Madison (MCJM) Borough  
S340715-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

334

**County**

Morris

**Existing Population**

23,770

**Service Area**

Borough of Chatham Borough of Madison

**Need for Project**

An Infiltration/Inflow (I/I) analysis has been completed which documents the existence of excessive I/I within the service area. Additional studies are under way to further define the quantity of excessive I/I and to propose an I/I correction program to mitigate hydraulic overloading of the plant during severe storms.

**Project Description**

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I. This will include replacement of sections of sanitary sewer pipe grouting of sewer lines grouting and sealing leaking manholes and repair of and adjustments to defective manholes.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Scotch Plains Township		
Project No.:	S340512-01	Eligible Project Cost:	\$2,576,000
Rank:	335		
County:	Union	Total State Amount:	\$2,576,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02351
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.02351

**Project Name, Number**

Scotch Plains Township  
S340512-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

335

**County**

Union

**Existing Population**

23,510

**Service Area**

The tributary area of Raritan Road Pump Station is located in the southwestern portion of Scotch Plains. The drainage area covers approximately 2,160 acres which drains to the Raritan Road Pump Station. The area tributary to Lamberts Mill Road Pump Station is located in the southeastern portion of the Township of Scotch Plains. The drainage area that is tributary to the station within the Township of Scotch Plains is approximately 530 acres. In addition, there are approximately 60 acres within the Town of Westfield that are tributary to this facility.

**Need for Project**

Existing equipment is at the end of its useful life. Renewal of this pumping asset is critical to maintain sewer service to the municipality to avoid station failure and mitigate the potential for a sewage spill. The need is the same for the electrical, mechanical and piping systems.

**Project Description**

Rehabilitation of 2 existing raw sewage pump stations to replace pumping equipment, piping, electrical panels, instrumentation and HVAC components that are at the end of their useful life.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-06	Eligible Project Cost:	\$6,093,106
Rank:	336		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carteret Borough  
S340939-06  
Pump Stations

**Priority List Rank**

336

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-10	Eligible Project Cost:	\$4,800,000
Rank:	336		
County:	Middlesex	Total State Amount:	\$4,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022844

**Project Name, Number**

Carteret Borough  
S340939-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

336

**County**

Middlesex

**Existing Population**

22,844

**Service Area**

The Roosevelt Avenue Pump Station service area is the entire Borough of Carteret, The entire Borough's sewer flow is conveyed through this pump station.

**Need for Project**

The Roosevelt Avenue Pump Station is vital to maintaining health, safety, and welfare of the community. The RAPS, which was constructed in the early 1990s, is in need of improvements to replace equipment that has either failed and/or has surpassed its useful life expectancy and to upgrade other systems which are antiquated. The Borough currently averages around 3.0 Million gallons per day (MGD) and that the RAPS peak pumping capacity is limited to 13.30 MGD by virtue of Sewer User Agreement with Woodbridge Township. Bergen Street Pump Station is upstream of Roosevelt Avenue Pump Station and conveys sewer flow from a specific area of the borough. Construction improvements are based on the results of failing mechanical equipment and corroded piping at the pump station.

**Project Description**

The Borough of Carteret depends upon the Roosevelt Avenue Pump Station to receive and convey all wastewater generated within the Borough to downstream conveyance facilities in Woodbridge Township and ultimately to the Middlesex County Utilities Authority for treatment. Roosevelt Avenue Pump Station improvements include the replacement of dry-pit submersible pumps, pump VFDs, pump controls, piping, gate valves, surge valves, building roofing, electrical motor starters, lighting, heating and ventilation, flow meter, and a new station bypass chamber. Bergen Street Pump Station consists of the replacement of pumps, discharge piping and valves within the wet well, flow meter and chart recorder, and the replacement of pump controls and VFDs.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-16	Eligible Project Cost:	\$960,000
Rank:	337		
County:	Burlington	Total State Amount:	\$960,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022594

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Burlington Township  
S340712-16  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

337

**County**

Burlington

**Existing Population**

22,594

**Service Area**

The service area that the project will affect is primarily low to medium density residential developments with two recreational areas (Skimmer Adams Field/ Upper Sylvan Lake)

**Need for Project**

The project will improve water quality by reducing the amount of infiltration currently being experienced in the system.

**Project Description**

The project consists of the rehabilitation of various asbestos cement sanitary sewer mains using trenchless technology to reline the pipes. Sewer manholes located along the sewer mains will also be rehabilitated.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-15	Eligible Project Cost:	\$1,080,000
Rank:	337		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington Township  
S340712-15  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

337

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-17	Eligible Project Cost:	\$960,000
Rank:	337		
County:	Burlington	Total State Amount:	\$960,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022594
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.022594

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington Township  
S340712-17  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

337

**County**

Burlington

**Existing Population**

22,594

**Service Area**

The area to be redeveloped is withing the LaGorce Square and Pinewald residential subdivisions

**Need for Project**

The project will eliminate existing groundwater infiltration resulting from damaged pipes, leaking joints and leaking lateral connections.

**Project Description**

Existing Asbestos Cement Sewer Mains are to be relined with Cured in Place Plastic Pipe. Existing Manholes are to be rehabilitated using a centrifugally applied cement coating. Any leaking Sewer Lateral connections are to be sealed with grout to prevent infiltration.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-07	Eligible Project Cost:	\$2,250,375
Rank:	338		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

338

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-11	Eligible Project Cost:	\$500,308
Rank:	338		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-11  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

338

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Brunswick Township		
Project No.:	S340866-01	Eligible Project Cost:	\$374,327
Rank:	339		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

South Brunswick Township  
S340866-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

339

**County**

Middlesex

**Existing Population**

22,360

**Service Area**

South Brunswick Township (Kendall Park)

**Need for Project**

The Township has had an ongoing I/I program since 1990. Sewer lines have been televised and problem areas recorded. Small problems have been corrected but certain areas require lining or replacement of existing lines.

**Project Description**

The project involves the lining or replacement of existing sewer lines on an as needed basis to reduce I/I in the system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Township		
Project No.:	S340346-06	Eligible Project Cost:	\$3,242,185
Rank:	340		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Medford Township  
S340346-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

340

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Plainfield Borough		
Project No.:	S340408-01	Eligible Project Cost:	\$458,425
Rank:	341		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Plainfield Borough

S340408-01

Equipment Purchase (Clean Water)

**Priority List Rank**

341

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-05	Eligible Project Cost:	\$1,252,500
Rank:	342		
County:	Gloucester	Total State Amount:	\$1,252,500

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

**Project Name, Number**

West Deptford Township  
S340947-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

342

**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)



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-03	Eligible Project Cost:	\$899,519
Rank:	342		
County:	Gloucester	Total State Amount:	\$899,519

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Deptford Township Municipal Utilities Authority  
S340066-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

342

**County**

Gloucester

**Existing Population**

21,677

**Service Area**

Deptford Township, Gloucester County

**Need for Project**

Sanitary Sewer Rehabilitation at Country Club Estates section of Deptford Township as mains are approaching the end of their useful design life and to avoid detriment to the health, safety, and welfare of the residents of Deptford Township.

**Project Description**

Sanitary Sewer Rehabilitation at Country Club Estates section of Deptford Township

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-04	Eligible Project Cost:	\$647,407
Rank:	342		
County:	Gloucester	Total State Amount:	\$647,407

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021677
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021677

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Deptford Township Municipal Utilities Authority  
S340066-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

342

**County**

Gloucester

**Existing Population**

21,677

**Service Area**

Deptford Township, Gloucester County

**Need for Project**

Sanitary Sewer Rehabilitation at East Woodbury section of Deptford Township as mains are approaching the end of their useful design life and to avoid detriment to the health, safety, and welfare of the residents of Deptford Township.

**Project Description**

Sanitary Sewer Rehabilitation at East Woodbury section of Deptford Township

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillside (JMEUC) Township		
Project No.:	S340686-10	Eligible Project Cost:	\$1,266,866
Rank:	343		
County:	Union	Total State Amount:	\$1,266,866

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021404
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.021404

**Project Name, Number**

Hillside (JMEUC) Township  
S340686-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

343

**County**

Union

**Existing Population**

21,404

**Service Area**

The service area for this project encompasses the entire Township of Hillside. Improvements to the pump station will benefit the entire sanitary system, and the street sweeper will improve the condition of the overall storm sewers and receiving waters.

**Need for Project**

The North Avenue Pumping Station has numerous components that are in need of repair to prevent operational failure of the pump station. The operation of this pump station is necessary to convey sanitary flow from Hillside Township to the Joint Meeting of Essex and Union Counties where it is treated. Failure of this pump station would result in significant disruptions in sanitary flow and potential compliance issues. The street sweeping vehicle associated with this project will assist in reducing the amount of sediment, debris, and pollutants entering the Township's storm water system.

**Project Description**

This project includes improvements to the North Avenue Pump Station, as well as the equipment purchase of one (1) street sweeping vehicle.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Borough		
Project No.:	S340443-05	Eligible Project Cost:	\$3,095,477
Rank:	344		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edgewater Borough  
S340443-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

344

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-01	Eligible Project Cost:	\$916,350
Rank:	345		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hazlet Township  
S340968-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

345

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillside Township		
Project No.:	S340906-03	Eligible Project Cost:	\$1,110,388
Rank:	345		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hillside Township  
S340906-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

345

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roselle Borough		
Project No.:	S340332-02	Eligible Project Cost:	\$3,471,822
Rank:	346		
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**

346

**County**

Union

**Existing Population**

21,085

**Service Area**

The lining of sanitary sewers will occur in the western portion of Roselle Borough in the vicinity of surface stormwater drainage. It is the experience of the Borough Engineer that lining sanitary sewers located near surface stormwater drainage is effective in reducing I/I.

**Need for Project**

This project will reduce I/I into the sanitary sewer system and prevent downstream sewer overflows. This will increase water quality by preventing the untreated discharge of sanitary sewerage into stormwater systems.

**Project Description**

The Borough of Roselle proposes to perform sanitary sewer system improvements to sanitary sewer mains which will include the cleaning television inspection and lining of approximately 3.5 miles of sanitary sewer pipe. The bulk of the sanitary sewer system consists of terra cotta or clay pipe that will be inspected and lined. The Borough of Roselle desires to decrease the amount of II that enters the system by utilizing cured-in-place (CIP) lining techniques for the majority of the project where improvements are warranted. Where lining is not an option due to pipe section collapses in-kind sanitary sewer pipe replacement within the existing trench box shall be performed. Sanitary manhole rehabilitation is anticipated in order to stabilize structures where needed.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township Municipal Utilities Authority		
Project No.:	S340903-06	Eligible Project Cost:	\$2,322,854
Rank:	347		
County:	Atlantic	Total State Amount:	\$2,322,854

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.020895
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.020895

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hamilton Township Municipal Utilities Authority  
S340903-06  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

347

**County**

Atlantic

**Existing Population**

20,895

**Service Area**

Portion of Township of Hamilton contained within wastewater management plan (21 square mile service for sewer with total township area of 111.127 square miles).

**Need for Project**

Increased operational and administrative efficiencies for wastewater collection operations.

**Project Description**

Repurpose a shuttered sewer treatment plant into office space and training facilities



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-01	Eligible Project Cost:	\$7,234,505
Rank:	348		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carteret Borough  
S340939-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

348

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington Township		
Project No.:	S340712-13	Eligible Project Cost:	\$639,645
Rank:	349		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington Township  
S340712-13  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

349

**County**

Burlington

**Existing Population**

20,294

**Service Area**

The Burlington Township sanitary sewer system services the entirety of Burlington Township, with the exception of a limited number of homes that utilize septic systems. The system also services several businesses along County Route 541 in Springfield Township, including a motel and busing terminal.

**Need for Project**

During Super storm Sandy, numerous sanitary sewer pump stations were put out of service due to power outages.

**Project Description**

(Carryover SFY2015) - The scope of work for this project includes the installation of Emergency Generator systems at eight 98) of the Townships sanitary sewer pump stations which currently do not have any form of emergency back-up power

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-04	Eligible Project Cost:	\$2,315,615
Rank:	350		
County:	Gloucester	Total State Amount:	\$2,315,615

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.019638
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.019638

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Deptford Township  
S340947-04  
Pump Stations

**Priority List Rank**

350

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-07	Eligible Project Cost:	\$2,049,114
Rank:	351		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Arlington-Lyndhurst Joint Meeting  
S340426-07  
Pump Stations

**Priority List Rank**

351

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-04	Eligible Project Cost:	\$1,721,795
Rank:	352		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Maple Shade Township  
S340710-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

352

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Moorestown Township		
Project No.:	S340912-02	Eligible Project Cost:	\$862,491
Rank:	353		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Moorestown Township  
S340912-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

353

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elmwood Park Borough		
Project No.:	S340863-01	Eligible Project Cost:	\$985,189
Rank:	354		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elmwood Park Borough  
S340863-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

354

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rutherford Borough		
Project No.:	S340192-01	Eligible Project Cost:	\$708,917
Rank:	355		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Rutherford Borough  
S340192-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

355

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Dumont Borough		
Project No.:	S340922-01	Eligible Project Cost:	\$3,625,787
Rank:	356		
County:	Bergen	Total State Amount:	\$3,625,787

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01771
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.01771

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Dumont Borough  
S340922-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

356

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-03	Eligible Project Cost:	\$1,640,000
Rank:	357		
County:	Mercer	Total State Amount:	\$1,640,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.017304
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.017304

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hopewell Township  
S340282-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

357

**County**

Mercer

**Existing Population**

17,304

**Service Area**

The Hopewell Township Department of Public Works operates and maintains two (2) small public sanitary sewer conveyance systems which service approximately 1,905 customers within Brandon Farms and Princeton Farms developments. Brandon Farms sewerage system serves 1,686 residential dwellings, one (1) school and seven (7) commercial customers. No treatment is performed within this community and all sewerage is conveyed to Ewing Lawrence Sewerage Authority (ELSA). Princeton Farms sewerage system serves 211 residential dwelling customers. No treatment is performed within this community and all sewerage is conveyed to Stony Brook Regional Sewerage Authority (SBRSA). The Township plans for the repair deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. A significant portion of the planning efforts will include the preparation of an Asset Management Plan (AMP) to identify critical areas for repair.

**Need for Project**

Portions of both existing collection system are deteriorated and subject to I&I resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. I&I has led to a notice of wet well overflow from the New Jersey Department of Environmental Protection (NJDEP) at the Princeton Farms location.

**Project Description**

The Hopewell Township Sewer Department operates and maintains two (2) small public sanitary sewer conveyance systems which service the Brandon Farms and Princeton Farms developments. Portions of both existing collection systems are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. I&I has led to a notice of wet well overflow from the New Jersey Department of Environmental Protection (NJDEP) at the Princeton Farms location. The Township plans for the repair of deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. As such, in addition to the rehabilitation, a significant portion of the planning efforts represent the creation and preparation of an Asset Management Plan (AMP) which the Township is seeking PF Grant monies to complete.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stony Brook Regional Sewer Authority		
Project No.:	S340400-03	Eligible Project Cost:	\$560,281
Rank:	358		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stony Brook Regional Sewer Authority  
S340400-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

358

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Palisades Park Borough		
Project No.:	S340313-01	Eligible Project Cost:	\$430,399
Rank:	359		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Palisades Park Borough  
S340313-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

359

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S340656-12	Eligible Project Cost:	\$1,871,602
Rank:	360		
County:	Mercer	Total State Amount:	\$1,871,602

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.016265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Princeton  
S340656-12  
Sanitary Sewer System Rehabilitation

### Priority List Rank

360

### County

Mercer

### Existing Population

16,265

### Service Area

This project's service area is the entire length of Bank Street from Nassau Street to Chamber Street.

### Need for Project

By reducing the wastewater flow conveyed to the SBRSA, Princeton is helping to reduce the amount of flow treated at the SBRSA's River Road facility. In addition, the new infrastructure helps to prevent wastewater flow from exfiltrating from the collection system. Overall, the rehabilitation of the collection system provides a water quality benefit to the area.

### Project Description

Sanitary sewer mains in the road and under sidewalk will be rehabilitated by means of pipe replacement, spot repair, and / or pipe lining. Sewer laterals will be replaced by pipe bursting or open excavation. New laterals may be installed for duplexes currently using a combined lateral. New storm sewer piping will be installed under sidewalks to an existing underground storm sewer, which will be rehabilitated. Sidewalks will be reconstructed with tinted concrete. The 12' x 18' wide road will be reconstructed with new aggregate subbase and full depth pavement, as the sewer construction will damage all existing pavement. Curb will be replaced with granite curb and concrete curb. A tinted concrete raised crosswalk, flanked on both sides by 4" cobbles, will be constructed at the south end of the project. New trees with iron tree grates may be added. Pavement striping and markings and signage will be replaced. The total estimated project cost is \$1,559,668 of which \$988,974 is eligible.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S340656-11	Eligible Project Cost:	\$3,925,678
Rank:	360		
County:	Mercer	Total State Amount:	\$3,925,678

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.016265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Princeton  
S340656-11  
Sanitary Sewer System Rehabilitation

### Priority List Rank

360

### County

Mercer

### Existing Population

16,265

### Service Area

This project's service area is Linden Lane between Nassau Street and Henry Avenue; the entire length of Spruce Street; and Maple Street from Spruce Street to the northern end.

### Need for Project

By reducing the wastewater flow conveyed to the SBRSA, the Princetons are helping to reduce the amount of flow treated at the SBRSA's River Road facility. In addition, the new infrastructure helps to prevent wastewater flow from ex-filtrating from the collection system. Overall, the rehabilitation of the collection system provides a water quality benefit to the area.

### Project Description

This project provides for roadway, sanitary sewer, storm drainage, and pedestrian improvements on Linden Lane between Nassau Street and Henry Avenue; the entire length of Spruce Street; and Maple Street from Spruce Street to the northern end. The principal items of work consist of the following: 4,085 CY of excavation, unclassified; 11,595 CY of dense graded aggregate base course; 4,579 tons of HMA 19M64 base course; 1,460 tons of HMA 9.5M64 surface course; 655 LF of reinforced concrete storm pipe; 393 LF of PVC storm pipe; 4,804 LF of sanitary sewer pipe lining; 1,206 LF of PVC sanitary sewer pipe replacement; 4,687 LF of sanitary sewer pipe lateral replacement; 3,255 SY of concrete sidewalk ADA curb ramps and driveway aprons; 2,029 LF of concrete vertical curb; traffic markings; permanent signage; tree removal and other related miscellaneous work. The estimated construction cost is \$3,271,398.00 of which \$2,221,574.00 is eligible.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Readington Township		
Project No.:	S340577-07	Eligible Project Cost:	\$226,059
Rank:	361		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Readington Township  
S340577-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

361

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Holmdel Township		
Project No.:	S340919-03	Eligible Project Cost:	\$316,480
Rank:	362		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Holmdel Township  
S340919-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

362

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren County		
Project No.:	S340580-04	Eligible Project Cost:	\$2,463,225
Rank:	363		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Warren County  
S340580-04  
Interconnection

**Priority List Rank**

363

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren Township Sewerage Authority		
Project No.:	S340964-05	Eligible Project Cost:	\$10,800,000
Rank:	364		
County:	Somerset	Total State Amount:	\$10,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015311
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015311

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Warren Township Sewerage Authority  
S340964-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

364

**County**

Somerset

**Existing Population**

15,311

**Service Area**

The Warren Township Sewerage Authority services the Township of Warren in Somerset County, New Jersey

**Need for Project**

Existing sanitary sewer collection system is experiencing I/I. This project will reduce the I/I and allow the Wastewater Treatment Plants the available capacity to meet the service areas needs.

**Project Description**

Rehabilitation of the Stage I/II & IV sewer collection system to reduce impacts from infiltration and inflow.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bernards Township Sewerage Authority		
Project No.:	S340382-03	Eligible Project Cost:	\$482,182
Rank:	365		
County:	Somerset	Total State Amount:	\$482,182

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.0153
BDA Points				0
Transit Villages				0
TOTAL POINTS				450.0153

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bernards Township Sewerage Authority  
S340382-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

365

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mantua Township MUA		
Project No.:	S340514-01	Eligible Project Cost:	\$1,363,473
Rank:	366		
County:	Gloucester	Total State Amount:	\$1,363,473

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015217

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mantua Township MUA  
S340514-01

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

366

**County**

Gloucester

**Existing Population**

15,217

**Service Area**

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

**Project Description**

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Austin Street PS Improvements consist of the removal and replacement of the existing pumping station and associated force main as well as upgrades to existing communication / SCADA system for improved monitoring and control.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mantua Township MUA		
Project No.:	S340514-03	Eligible Project Cost:	\$772,471
Rank:	366		
County:	Gloucester	Total State Amount:	\$772,471

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.015217

**Project Name, Number**

Mantua Township MUA  
S340514-03

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

366

**County**

Gloucester

**Existing Population**

15,217

**Service Area**

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

**Project Description**

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Royal Oaks PS Improvements consist of the reconfiguration of the the existing electrical system, standby power system, removal and replacement of duplex pump control panel, and complete installation of station bypass capabilities. In addition the installation of new grinder, new winch / davit equipment and upgrades to the existing communication / SCADA system for improved monitoring and control are being included within this project.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Dover Town		
Project No.:	S340889-01	Eligible Project Cost:	\$935,648
Rank:	367		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Dover Town  
S340889-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

367

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Verona Township		
Project No.:	S340533-04	Eligible Project Cost:	\$1,465,130
Rank:	368		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Verona Township  
S340533-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

368

**County**

Essex

**Existing Population**

14,150

**Service Area**

Borough of Verona

**Need for Project**

An Infiltration/Inflow (I/I) analysis has concluded that the Borough's sewer system exhibits excessive I/I. Additional studies are underway to further define the quantity of excessive I/I and to propose a sewer rehabilitation program to mitigate hydraulic overloading of the plant during severe storm events which affects the performance of the treatment plant.

**Project Description**

This proposed project will consist of I/I correction to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be necessary depending upon the conclusions of the additional on-going studies.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Springfield Township		
Project No.:	S340855-01	Eligible Project Cost:	\$1,465,130
Rank:	369		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Springfield Township  
S340855-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

369

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex Borough		
Project No.:	S340698-02	Eligible Project Cost:	\$2,568,750
Rank:	370		
County:	Middlesex	Total State Amount:	\$2,568,750

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013635
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013635

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex Borough  
S340698-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

370

**County**

Middlesex

**Existing Population**

13,635

**Service Area**

The sewer service area for this project is within the municipal boundaries of the Borough of Middlesex.

**Need for Project**

The project is required to remove excess infiltration and inflow from existing sanitary sewer mains and manholes.

**Project Description**

The Borough of Middlesex intends on rehabilitating approximately 9,700 linear feet of various size sanitary sewer main utilizing trenchless technology including rehabilitating sewer system appurtenances and reconstructing five sanitary sewer manholes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex Borough		
Project No.:	S340698-03	Eligible Project Cost:	\$898,640
Rank:	370		
County:	Middlesex	Total State Amount:	\$898,640

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013635
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013635

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex Borough  
S340698-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

370

**County**

Middlesex

**Existing Population**

13,635

**Service Area**

The service area for the project includes the northern central part of the Borough of Middlesex. The Borough of Middlesex owns and operates their sanitary sewer collection system within their municipal boundaries..

**Need for Project**

The improvements to the Greenbrook Road and Louis Avenue pump stations are required to replace aging equipment and maintain the sanitary sewer system. In addition an infiltration and inflow (I&I) study is required in an effort to determine where the I & I needs to be reduced.

**Project Description**

This project includes the rehabilitation of the Borough's Greenbrook Road and Louis Avenue Pump Stations and an Infiltration/Inflow Study to reduce/eliminate I/I from the Borough's Sanitary Sewer System

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-06	Eligible Project Cost:	\$1,259,960
Rank:	371		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clinton Town  
S340924-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

371

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roselle Park Borough		
Project No.:	S340234-01	Eligible Project Cost:	\$166,190
Rank:	372		
County:	Union	Total State Amount:	\$166,190

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013281
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.013281

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Roselle Park Borough  
S340234-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

372

**County**

Union

**Existing Population**

13,281

**Service Area**

Borough of Roselle Park

**Need for Project**

A 15 vitrified clay pipe has been cracking and failing. It will be abandoned and flows transferred to an existing 24 line.

**Project Description**

The proposed project consists of abandoning a 15 line transferring flows to a 24 line and relining or repairing the 24 line to eliminate infiltration/inflow.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highland Park Borough		
Project No.:	S340938-01	Eligible Project Cost:	\$4,315,232
Rank:	373		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Highland Park Borough  
S340938-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

373

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cedar Grove Township		
Project No.:	S340717-05	Eligible Project Cost:	\$374,327
Rank:	374		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cedar Grove Township  
S340717-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

374

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340766-02	Eligible Project Cost:	\$51,639
Rank:	375		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Parsippany Troy Hills Township  
S340766-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

375

**County**

Morris

**Existing Population**

12,600

**Service Area**

Parsippany-Troy Hills-Study zones C & D

**Need for Project**

An infiltration/inflow (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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-04	Eligible Project Cost:	\$1,534,200
Rank:	376		
County:	Salem	Total State Amount:	\$1,534,200

**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	0.012456
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.012456

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pennsville Sewerage Authority  
S340870-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

376

**County**

Salem

**Existing Population**

12,456

**Service Area**

PSA's sanitary sewer service area service area.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer system and wastewater treatment plant within the PSAs sewer service area. The Authority has observed that the frequency of repairs within the sanitary sewer system has increased in recent years, which suggest that the infrastructure is reaching the end of their service life cycle. These improvements will address a need that has been closely monitored for years. Failing to maintain the current infrastructure will only serve to increase the risk of discharging wastewater that has not been adequately treated, increase emergency repairs and undermined roadways as a result of sewer main breaks as well as future service interruption. The replacement of existing sanitary sewer force main and wastewater treatment plant improvements will serve to protect local water quality from disturbances related to unapproved discharges.

**Project Description**

The Pennsville Sewerage Authority (PSA) has been evaluating their sanitary sewer system infrastructure within the Township in an effort to identify equipment and components that are aging, reaching the end of its life cycle or would lessen maintenance time / costs, and improve operations. The first phase of the capital plan includes the following project: Pumping Station No.3 Force Main Replacement.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Red Bank Borough		
Project No.:	S340528-01	Eligible Project Cost:	\$1,354,513
Rank:	377		
County:	Monmouth	Total State Amount:	\$1,354,513

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.012206
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.012206

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Red Bank Borough  
S340528-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

377

**County**

Monmouth

**Existing Population**

12,206

**Service Area**

The project will service will serve the Borough of Red Bank. In-kind replacement of the sanitary sewer along White Street

**Need for Project**

Eliminate excess infiltration/inflow into the sewer collection system by in-kind replacement of structurally deficient sewers and cured-in-place lining of structural sound sewer pipes.

**Project Description**

This project includes various in-kind replacement and cured-in-place lining of the Red Bank sanitary sewer collection system. The goal of this project is to eliminate excess infiltration/inflow into the sewer collection system by in-kind replacement of deteriorating sewer mains and cured-in-place lining of structurally sound sewer mains.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roxbury Township		
Project No.:	S340381-05	Eligible Project Cost:	\$1,344,941
Rank:	378		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Roxbury Township  
S340381-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

378

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hasbrouck Heights Borough		
Project No.:	S340329-01	Eligible Project Cost:	\$14,226,449
Rank:	379		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hasbrouck Heights Borough  
S340329-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

379

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddonfield Borough		
Project No.:	S340220-01	Eligible Project Cost:	\$2,517,530
Rank:	380		
County:	Camden	Total State Amount:	\$2,517,530

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.011659
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.011659

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Haddonfield Borough  
S340220-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

380

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Caldwell Township		
Project No.:	PID-1843	Eligible Project Cost:	\$268,597
Rank:	381		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Caldwell Township  
PID-1843  
Pump Stations

**Priority List Rank**

381

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Florham Park Borough		
Project No.:	S340703-05	Eligible Project Cost:	\$1,396,910
Rank:	382		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Florham Park Borough  
S340703-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

382

**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 IIR reduction program consisting of repair and/or replacement to eliminate excessive quantities of IIR.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Westwood Borough		
Project No.:	S340862-01	Eligible Project Cost:	\$971,700
Rank:	383		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Westwood Borough  
S340862-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

383

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-04	Eligible Project Cost:	\$2,183,362
Rank:	384		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Falls Township  
S340716-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

384

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	River Edge Borough		
Project No.:	S340841-01	Eligible Project Cost:	\$458,425
Rank:	385		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

River Edge Borough  
S340841-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

385

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wanaque Valley Regional Sewer Authority		
Project No.:	S340780-02	Eligible Project Cost:	\$1,567,310
Rank:	386		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wanaque Valley Regional Sewer Authority  
S340780-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

386

**County**

Passaic

**Existing Population**

10,580

**Service Area**

Wanaque Borough

**Need for Project**

An Infiltration/Inflow (I/I) analysis and Sewer System Evaluation Survey (SSES) have been completed which document the existence of excessive I/I within the service area (Haskell and Whistler Place).

**Project Description**

This proposed project will consist of I/I correction work to remove the excessive I/I in the Haskell and Whistler Place service areas in Wanaque Borough. This work includes replacement or repair of 4000 linear feet of sewers and approximately 150 service laterals.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Monmouth Regional Sewer Authority		
Project No.:	S340377-06	Eligible Project Cost:	\$1,615,020
Rank:	387		
County:	Monmouth	Total State Amount:	\$1,615,020

**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	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.010509
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.010509

**Project Name, Number**

South Monmouth Regional Sewer Authority  
S340377-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

387

**County**

Monmouth

**Existing Population**

10,509

**Service Area**

The Brielle Pump Station services the Borough of Brielle. The Glimmer Glass Pump Station services the Borough of Manasquan

**Need for Project**

The Brielle and Glimmer Glass Pump Stations are vital to maintaining health, safety, and welfare of the community. The stations, which were constructed in the late 1970s, are in need of improvements to replace equipment and infrastructure that has either failed and/or has surpassed its useful life expectancy and to upgrade other systems which are antiquated. These improvements will help increase the reliability and performance of the stations for years to come. The Brielle Pump Station currently averages around 0.373 Million gallons per day (MGD) and the Glimmer Glass pump station averages around 0.755 MGD. Construction improvements are based on the results of failing mechanical equipment, corroded piping and deteriorating infrastructure at each pump station.

**Project Description**

The work at the Brielle and Glimmer Glass pump stations shall include, provision and implementation of bypass pumping system; shutdown and isolation of existing sewage pumps wet wells; demolition of existing concrete diversion walls, floors and flow channels within wet wells; and installation of new FRP grating levels as well as the installation of stainless steel or concrete structural support systems. Additional work shall include cleaning and repairing of all interior concrete surfaces within each wet well; cleaning and rehabilitation and coating of metal surfaces to remain in each wet well; installation of epoxy coating system on all existing wet well surfaces; installing new stainless steel trash basket with associated mounting and railing requirements; installation of both davit crane hoists and fall protection/retrieval hoists; and installation of flood protection measures.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sayreville Borough		
Project No.:	S340326-04	Eligible Project Cost:	\$244,515
Rank:	387		
County:	Middlesex	Total State Amount:	\$244,515

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0105
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0105

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sayreville Borough  
S340326-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

387

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Fairview Borough		
Project No.:	S340517-01	Eligible Project Cost:	\$1,522,661
Rank:	388		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Fairview Borough  
S340517-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

388

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pine Hill Municipal Utilities Authority		
Project No.:	S340274-05	Eligible Project Cost:	\$1,286,028
Rank:	389		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pine Hill Municipal Utilities Authority  
S340274-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

389

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-05	Eligible Project Cost:	\$6,614,815
Rank:	390		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Keansburg Borough  
S340118-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

390

**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 and/or replacement to in satisfactory condition.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-04	Eligible Project Cost:	\$4,653,327
Rank:	390		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Keansburg Borough  
S340118-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

390

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Ferry Borough		
Project No.:	S340425-01	Eligible Project Cost:	\$4,915,537
Rank:	391		
County:	Bergen	Total State Amount:	\$4,915,537

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0097
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0097

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Ferry Borough  
S340425-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

391

**County**

Bergen

**Existing Population**

9,700

**Service Area**

Borough of Little Ferry

**Need for Project**

The existing sanitary sewer collection system serving the Borough of Little Ferry is very old and is subject to an extreme amount of infiltration/inflow (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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-04	Eligible Project Cost:	\$3,014,413
Rank:	392		
County:	Atlantic	Total State Amount:	\$3,014,413

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00945

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Brigantine City  
S340827-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

### Priority List Rank

392

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Audubon Borough		
Project No.:	S340309-01	Eligible Project Cost:	\$1,094,976
Rank:	393		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Audubon Borough  
S340309-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

393

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-04	Eligible Project Cost:	\$2,054,490
Rank:	394		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Harrison Township  
S340362-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

394

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Hill Township		
Project No.:	S340404-09	Eligible Project Cost:	\$1,396,910
Rank:	395		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Hill Township  
S340404-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

395

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northfield City		
Project No.:	S340508-01	Eligible Project Cost:	\$270,000
Rank:	396		
County:	Atlantic	Total State Amount:	\$270,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.008624
BDA Points				0
Transit Villages				0
TOTAL POINTS				450.008624

**Project Name, Number**

Northfield City  
S340508-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

396

**County**

Atlantic

**Existing Population**

8,624

**Service Area**

The existing pump station is serving a large area within the City of Northfield, the current sewer flows area is generated by approximately 1,500,000 SF of commercial facilities and 956 homes at this time this station cant accommodate any additional flows. There is an approved multi family housing development that will add 256 homes to the demand; a portion of the multi housing development's units are designated to be affordable housing.

**Need for Project**

The pump station is running beyond its capacity, requires daily inspection to insure that it is functioning properly, this station was constructed more than 40 years ago with antiquated equipment and design. The major concern if the station should fail, it will be catastrophic for the residents and businesses in the area, and may affect the public safety and welfare of the residents and general public.

**Project Description**

The existing pump station is more than 40 years old consisting of a wet well and dry well, it is undersized based on the current flows, and no additional flows could be added at this time. We are proposing to rehab the existing station and eliminate the dry well and upgrade the wet well and eliminate any ground water intrusion; we will also replace the existing pumps with more efficient pumps.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northfield City		
Project No.:	S340508-03	Eligible Project Cost:	\$180,000
Rank:	396		
County:	Atlantic	Total State Amount:	\$180,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008624
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008624

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Northfield City  
S340508-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

396

**County**

Atlantic

**Existing Population**

8,624

**Service Area**

This will benefit all residents and businesses within the City of Northfield.

**Need for Project**

The asset management plan, will enable municipal officials to plan in a more cost effective manner and to anticipate future needs, including immediate remedial or preventive actions, to ensure that the needs of residents and businesses are met in the most cost effective way possible. Also this study will help in preventing any system failure or ground water contamination.

**Project Description**

The Municipality is in need of a comprehensive Sanitary Sewer Asset Management Plan which will serve to evaluate the existing system, which includes gravity sewer pipes, pump stations and force-mains. This study will enable municipal officials to plan in a more cost effective manner and to anticipate future needs, including remedial or preventive actions, to ensure that the needs of residents and businesses are met in the most cost effective way possible.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Oradell Borough		
Project No.:	S340835-04	Eligible Project Cost:	\$1,136,488
Rank:	397		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Oradell Borough  
S340835-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

397

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Runnemede Borough		
Project No.:	S340363-06	Eligible Project Cost:	\$1,553,702
Rank:	398		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Runnemede Borough  
S340363-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

398

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Haledon Borough		
Project No.:	S340229-02	Eligible Project Cost:	\$100,000
Rank:	399		
County:	Passaic	Total State Amount:	\$100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008417
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008417

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Haledon Borough  
S340229-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

399

**County**

Passaic

**Existing Population**

8,417

**Service Area**

The Service Area is the entire municipality

**Need for Project**

The Borough will evaluate the entire sanitary sewer and stormwater system.

**Project Description**

Planning and design loan for Small System Asset Management for the sanitary sewer and stormwater systems.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township		
Project No.:	S340112-07	Eligible Project Cost:	\$2,290,548
Rank:	400		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township  
S340112-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

400

**County**

Ocean

**Existing Population**

8,332

**Service Area**

Service area for the Utility is the majority of Ocean Township east of the Garden State Parkway and the northeastern corner of the Township of Barnegat. The project will service the southeastern section of Ocean Township.

**Need for Project**

The existing infrastructure is ACP pipe that is old and deteriorating. Several blockages and leaks have occurred causing sewage backups. Failure of the main could potentially cause a spill that due to its proximity to Barnegat Bay watershed would have an adverse impact.

**Project Description**

Replacement of approximately 6000 LF of existing sanitary sewer main as well as 1600 LF of drainage improvements along Maplewood Road Teaneck Road Englewood Avenue Dune Lane Stillwater Road and Harborage Place.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carneys Point Sewerage Authority		
Project No.:	S340502-08	Eligible Project Cost:	\$1,057,203
Rank:	401		
County:	Salem	Total State Amount:	\$1,057,203

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008049
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.008049

**Project Name, Number**

Carneys Point Sewerage Authority  
S340502-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

401

**County**

Salem

**Existing Population**

8,049

**Service Area**

CPTSA sewer service area serves approximately 2,123 residences and 134 businesses within Carneys Point Township and Oldmans Township. At an average rate of 2.58 persons per household (U.S. Census Bureau 2012-2016), the estimated residential population served by CPTSA is 5,477 people. The Lafayette pump station serves approximately 100 residences within its capture area. Using the average rate of 2.58 persons per household, the proposed work will serve approximately 258 people. Please refer to the sewer service map in the reports and maps section for further details.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the CPTSA service area. Failing to maintain current infrastructure will only serve to increase the risk of future service interruption. The reconstruction of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to failure of the existing pump station or sanitary sewer collection mains. Overall the proposed work will enable CPTSA to keep the sanitary sewer infrastructure in good operating condition and to facilitate its continuing efforts to provide sanitary sewer service for its residents, businesses, and industry. The Lafayette pump station is reaching the end of its service life cycle and the proposed project is necessary to maintain uninterrupted sanitary sewer service to the residents. This project could also be considered a green project since it will eliminate the electric and fuel usage of the pump station.

**Project Description**

This project is being completed to eliminate the need for an existing sanitary sewer lift station on Lafayette Road in Carneys Point Township. New sanitary sewer gravity mains will be constructed in order to redirect sanitary sewer flow downstream and allow the demolition and removal of an existing pumping station. We have estimated that removal of the pumping station will eliminate approximately \$950,000 in electricity, labor, maintenance & repairs over a 50 year period.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-01	Eligible Project Cost:	\$3,094,238
Rank:	402		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bogota Borough  
S340914-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

402

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Haledon Borough		
Project No.:	S340229-01	Eligible Project Cost:	\$1,021,028
Rank:	403		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Haledon Borough  
S340229-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

403

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carneys Point Township		
Project No.:	S340502-07	Eligible Project Cost:	\$604,874
Rank:	404		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Carneys Point Township  
S340502-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

404

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montvale Borough		
Project No.:	S340846-01	Eligible Project Cost:	\$104,753
Rank:	405		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Montvale Borough  
S340846-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

405

**County**

Bergen

**Existing Population**

7,530

**Service Area**

Borough of Montvale

**Need for Project**

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

**Project Description**

The excessive I/I will be removed by grouting slip lining and other minor rehabilitation methods.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Glen Ridge Borough		
Project No.:	S340861-03	Eligible Project Cost:	\$445,849
Rank:	406		
County:	Essex	Total State Amount:	\$445,849

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007527
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007527

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Glen Ridge Borough  
S340861-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

406

**County**

Essex

**Existing Population**

7,527

**Service Area**

Entire limit of Glen Ridge Borough

**Need for Project**

Maintenance of sewer lines for proper collection of sewage at treatment plant

**Project Description**

Purchase Sewer Cleaning Vacuum Truck

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Glen Ridge Borough		
Project No.:	S340861-04	Eligible Project Cost:	\$1,856,145
Rank:	406		
County:	Essex	Total State Amount:	\$1,856,145

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007527
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007527

**Project Name, Number**

Glen Ridge Borough  
S340861-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

406

**County**

Essex

**Existing Population**

7,527

**Service Area**

The proposed project is located within the public right-of-ways of Glen Ridge Borough along various local and county roads. The project area consists of residential and commercial properties.

**Need for Project**

Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. Specific areas have been identified as the target area for the collection system rehabilitation program. These areas have been selected due to the high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system.

**Project Description**

The Borough of Glen Ridge will evaluate and rehabilitate approximately 22,000 LF of sanitary sewer through a phased project approach dependent upon received building costs. Associated manholes will be rehabilitated as well to eliminate any potential hazards and water intrusion into the system. Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. The Borough plans to repair the affected sewers to safely convey wastewater through the sewers to the regional wastewater treatment facility. As such, in addition to the rehabilitation and additional rehabilitation evaluations design phase of this project a significant portion of the planning efforts represent the creation and preparation of an AMP and implementation thereof. The Borough is interested to pursue the Principle Forgiveness that is available for small systems to cover the costs for the AMP.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-01	Eligible Project Cost:	\$1,364,098
Rank:	407		
County:	Camden	Total State Amount:	\$1,364,098

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Haddon Heights Borough  
S340877-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Camden

**Existing Population**

7,473

**Service Area**

Haddon Heights Borough

**Need for Project**

The existing collection system in the Borough of Haddon Heights is antiquated and subject to possible excessive infiltration/inflow (I/I).

**Project Description**

The project consists of the rehabilitation of the sewer system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-02	Eligible Project Cost:	\$100,000
Rank:	407		
County:	Camden	Total State Amount:	\$100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Haddon Heights Borough  
S340877-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Camden

**Existing Population**

7,473

**Service Area**

Municipal Boundary of the Borough of Haddon Heights, Camden County (1.574 Square Miles)

**Need for Project**

To promote the responsible maintenance, investment, and rehabilitation of the Borough of Haddon Heights Sanitary Sewer System by preparing an Asset Management Plan in accordance with NJDEP's Best Practices.

**Project Description**

Preparation of an Asset Management Plan for the Borough's Sanitary Sewer System



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-03	Eligible Project Cost:	\$953,580
Rank:	407		
County:	Camden	Total State Amount:	\$953,580

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Haddon Heights Borough  
S340877-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Camden

**Existing Population**

7,473

**Service Area**

The municipal boundaries of the Borough of Haddon Heights

**Need for Project**

Rehabilitation of existing Borough Sanitary Sewer Pump Stations

**Project Description**

Rehabilitation of Maple Avenue, Cedar Avenue and Lake Street Sanitary Sewer Pump Stations

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-04	Eligible Project Cost:	\$2,052,912
Rank:	407		
County:	Camden	Total State Amount:	\$2,052,912

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Haddon Heights Borough  
S340877-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Camden

**Existing Population**

7,473

**Service Area**

Municipal boundaries of the Borough of Haddon Heights

**Need for Project**

Rehabilitation of existing Borough sanitary sewer mains and inflow/infiltration reduction

**Project Description**

Rehabilitation of existing Borough sanitary sewer mains and inflow/infiltration reduction

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Haddon Heights Borough		
Project No.:	S340877-05	Eligible Project Cost:	\$4,974,434
Rank:	407		
County:	Camden	Total State Amount:	\$4,974,434

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007473
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007473

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Haddon Heights Borough  
S340877-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

407

**County**

Camden

**Existing Population**

7,473

**Service Area**

Municipal Boundaries of the Borough of Haddon Heights

**Need for Project**

Replacement of existing Borough Sanitary Sewer Mains/Service Laterals and Inflow/Infiltration Reduction

**Project Description**

Replacement of existing Borough Sanitary Sewer Mains/Service Laterals and Inflow/Infiltration Reduction

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Emerson Borough		
Project No.:	S340497-01	Eligible Project Cost:	\$100,000
Rank:	408		
County:	Bergen	Total State Amount:	\$100,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007401
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.007401

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Emerson Borough  
S340497-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

408

**County**

Bergen

**Existing Population**

7,401

**Service Area**

The service area is the entire borough.

**Need for Project**

The Borough will evaluate the entire sanitary and storm systems.

**Project Description**

Planning and design loan for Small System Asset Management for the sanitary sewer and stormwater systems.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Emerson Borough		
Project No.:	S340497-02	Eligible Project Cost:	\$370,120
Rank:	408		
County:	Bergen	Total State Amount:	\$370,120

**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	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.007401
BDA Points				0
Transit Villages				0
TOTAL POINTS				450.007401

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Emerson Borough  
S340497-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

408

**County**

Bergen

**Existing Population**

7,401

**Service Area**

The sanitary sewer pump station services the western portion of the borough with approximately 341 homes that are connected to this pump station.

**Need for Project**

The updated sanitary sewer pump station will improve the efficiency of the system and will prevent any potential backups in the sanitary system.

**Project Description**

The project includes upgrades to an existing sanitary sewer pump station. The work includes replacement of the two sanitary sewer pumps with new pumps which are more efficient and reliable. Additionally the controls for the station will be replaced to provide better control of the operation of the system. The existing pump station has met its useful life and these improvements will provide for an updated sanitary sewer pump station.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Barrington Borough		
Project No.:	S340305-02	Eligible Project Cost:	\$1,396,910
Rank:	409		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Barrington Borough  
S340305-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

409

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bernardsville Borough		
Project No.:	S340816-03	Eligible Project Cost:	\$1,135,113
Rank:	410		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bernardsville Borough  
S340816-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

410

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Dunellen Borough		
Project No.:	S340916-01	Eligible Project Cost:	\$7,234,505
Rank:	411		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Dunellen Borough  
S340916-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

411

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jamesburg Borough		
Project No.:	S340224-01	Eligible Project Cost:	\$1,117,248
Rank:	412		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jamesburg Borough  
S340224-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

412

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union Beach Borough		
Project No.:	S340278-01	Eligible Project Cost:	\$2,317,315
Rank:	413		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Union Beach Borough  
S340278-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

413

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Prospect Park Borough		
Project No.:	S340186-01	Eligible Project Cost:	\$708,917
Rank:	414		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Prospect Park Borough  
S340186-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

414

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lopatcong Township		
Project No.:	S340264-02	Eligible Project Cost:	\$3,340,073
Rank:	415		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lopatcong Township  
S340264-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

415

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-06	Eligible Project Cost:	\$218,940
Rank:	416		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Arlington-Lyndhurst Joint Meeting  
S340426-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

416

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Arlington-Lyndhurst Joint Meeting		
Project No.:	S340426-05	Eligible Project Cost:	\$4,688,749
Rank:	416		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Arlington-Lyndhurst Joint Meeting  
S340426-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

416

**County**

Bergen

**Existing Population**

5,590

**Service Area**

Borough of Lyndhurst

**Need for Project**

The Joint Meeting has conducted an Infiltration/Inflow (I/I) analysis and concluded that excessive I/I exists in the sewer system. A sewer system evaluation survey has evaluated flow conditions and identified the sewer segments which are cost-effective to rehabilitate. Further sewer system evaluation work will propose an I/I correction program to reduce the excessive I/I flows.

**Project Description**

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I flows. This may include grouting of sewer joints sealing manholes repairs or replacement of defective manhole covers and other minor rehabilitation measures.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rochelle Park Township		
Project No.:	S340310-01	Eligible Project Cost:	\$2,255,626
Rank:	417		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rochelle Park Township  
S340310-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

417

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rochelle Park Township		
Project No.:	S340310-02	Eligible Project Cost:	\$1,450,000
Rank:	418		
County:	Bergen	Total State Amount:	\$1,450,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00553
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00553

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**  
Rochelle Park Township  
S340310-02  
Flood Resiliency

**Priority List Rank**

418

**County**

Bergen

**Existing Population**

5,530

**Service Area**

The pumping station services the entire municipality.

**Need for Project**

The existing pumping station has equipment that are below the flood hazard elevation and is at risk of flooding. The existing equipment is at the end of its useful life.

**Project Description**

Installation of new pumping station adjacent to the existing one to bring equipment above the flood hazard elevation.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerdale Borough		
Project No.:	S340338-04	Eligible Project Cost:	\$444,422
Rank:	419		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerdale Borough  
S340338-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

419

**County**

Camden

**Existing Population**

5,440

**Service Area**

Borough of Somerdale

**Need for Project**

The Borough has evaluated several sections of its sanitary sewer system and determined the system experiences excessive infiltrationinflow.

**Project Description**

The proposed project involves a sewer repair/replacement program and various improvements to manholes and other deteriorated sections of sewer main.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Spring Lake Heights Borough		
Project No.:	S340840-01	Eligible Project Cost:	\$163,328
Rank:	420		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Spring Lake Heights Borough  
S340840-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

420

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Morris Plains Borough		
Project No.:	S340330-01	Eligible Project Cost:	\$479,390
Rank:	421		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Morris Plains Borough  
S340330-01  
Pump Stations

**Priority List Rank**

421

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune City Borough		
Project No.:	S340106-02	Eligible Project Cost:	\$430,399
Rank:	422		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Neptune City Borough  
S340106-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

422

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-01	Eligible Project Cost:	\$877,696
Rank:	423		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Highlands Borough  
S340901-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

423

**County**

Monmouth

**Existing Population**

5,190

**Service Area**

Highlands Borough

**Need for Project**

Sewer rehabilitation is necessary to correct excessive I.I. The current flow is equal to the amount designated for the year 2000. The completion of the work in the I.I. report will reduce the infiltration and the additional charges for pumping and treatment.

**Project Description**

I.I. correction utilizing standard sewer rehabilitation methods. A minor portion of the work in the I.I. report is complete and thus is ineligible for federal participation.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Borough		
Project No.:	S340129-01	Eligible Project Cost:	\$2,718,518
Rank:	424		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Borough  
S340129-01  
Pump Stations

**Priority List Rank**

424

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Arlington Borough		
Project No.:	S340451-05	Eligible Project Cost:	\$212,785
Rank:	425		
County:	Morris	Total State Amount:	\$212,785

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00505
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00505

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Arlington Borough  
S340451-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

425

**County**

Morris

**Existing Population**

5,050

**Service Area**

Wastewater collection systems and pump stations within the boundaries of Mount Arlington Borough

**Need for Project**

To protect and enhance the water quality of Lake Hopatcong and the other surface and ground waters within or directly adjacent to Mount Arlington Borough.

**Project Description**

The Borough of Mount Arlington is seeking development of an Asset Management Plan in order to make sound decisions on future infrastructure improvements to their sewer system. The purpose of the plan will be to develop an inventory of asset ownership, identify needs, project life cycle of assets, and develop a sustainable spending plan for reinvestment into the Borough's sewer system infrastructure to continue to provide the high level of uninterrupted service to the Borough's residents.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-02	Eligible Project Cost:	\$147,540
Rank:	426		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Highlands Borough  
S340901-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

426

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-05	Eligible Project Cost:	\$5,411,863
Rank:	426		
County:	Monmouth	Total State Amount:	\$5,411,863

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005005
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.005005

**Project Name, Number**

Highlands Borough  
S340901-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

426

**County**

Monmouth

**Existing Population**

5,005

**Service Area**

This project will serve residents of Highlands Boro in the central business district, community center public beach, and nearby residential areas. Areas to see benefit include Linden Ave, Bay Ave, Waterwich Ave, and all upstream residential roadways in addition to beachgoers at Snug Harbor Beach.

**Need for Project**

The project aims to reduce infiltration and inflow issues with the existing sanitary sewer system within Bay Avenue. Current I & I levels overburden the sewer system resulting in overflow of contaminated water into the streets. This contaminated water flows into the stormwater conveyance system that discharges into Jones Creek, creating an unsafe swimming condition further downstream at the Sung Harbor Beach at the Borough Community Center. Replacement of the sanitary sewer system is expected to reduce infiltration and inflow, thereby keeping the sanitary sewer system within capacity and eliminating contaminated water in the stormwater system and swimming areas.

**Project Description**

The existing sanitary sewer system within Waterwich Ave, Linden Ave, Bay Ave, and the surrounding residential area is vitrified clay and has deteriorated and is overburdened due to infiltration and inflow. This project aims to eliminate I&I in this system removal of existing deteriorated clay sanitary sewer main and replacement with PVC sanitary sewer

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Penns Grove Borough		
Project No.:	S340502-05	Eligible Project Cost:	\$1,122,734
Rank:	427		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Penns Grove Borough  
S340502-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

427

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roseland Borough		
Project No.:	S340361-01	Eligible Project Cost:	\$123,712
Rank:	428		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Roseland Borough  
S340361-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

428

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-01	Eligible Project Cost:	\$3,125,171
Rank:	429		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Harrison Township  
S340362-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

429

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-06	Eligible Project Cost:	\$1,298,000
Rank:	430		
County:	Atlantic	Total State Amount:	\$1,298,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.004603
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.004603

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340518-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

430

**County**

Atlantic

**Existing Population**

4,603

**Service Area**

The project area includes 229 Wheat Road (Pump Station #1), 145 Wheat Road (Pump Station #2), and 421 Plymouth Road (Pump Station #3 and Wastewater Treatment Plant Grit System) in Buena Borough. All sites are on cleared grass lots owned by the Borough. The project will service the entire area of Buena Borough.

**Need for Project**

Due to aging components of the existing grit chamber, pump stations and pump station sites, improvements and upgrades are necessary to maintain operations and to continue operating within the New Jersey Pollutant Discharge Elimination System permit requirements. The added flow meters will be helpful to identify and quantify extraneous flows.

**Project Description**

This project consists of the planning, design and construction of various improvements to sanitary sewer pump stations 1, 2 and 3, including structural, mechanical and electrical component upgrades at each pump station; the installation of flow meters at each pump station; grit removal system upgrades at pump station 1; and all work and materials necessary therefor or incidental thereto.. Pump replacements with premium efficiency motors will result in energy savings.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sayreville Borough		
Project No.:	S340326-07	Eligible Project Cost:	\$7,049,396
Rank:	431		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sayreville Borough  
S340326-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

431

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bradley Beach Borough		
Project No.:	S340472-01	Eligible Project Cost:	\$2,623,450
Rank:	432		
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**

432

**County**

Monmouth

**Existing Population**

4,298

**Service Area**

Sanitary improvements are proposed along Evergreen, Monmouth, Burlington, Pacific, Madison Avenues including portion of Bradley Boulevard. Stormwater improvements will include all 10 outfall into Sylvan Lake at the following intersections with Bradley Boulevard: Main Street, Pacific Avenue, Atlantic Avenue, Madison Avenue and Monmouth Avenue.

**Need for Project**

The Borough of Bradley Beach is requesting funding through the New Jersey Environmental Infrastructure Trust Finance Program (Trust) Clean Water State Revolving Fund for the State Fiscal Year 2016 loan program to improve its aged stormwater and sanitary infrastructure.

**Project Description**

The Borough is currently operating an aged sewer collection system and stormwater system constructed in the early 1900's. It is the Borough's desire to rehabilitate their infrastructure systems over time as funding is available. It is the intent of this application to address about 15% of the sanitary sewer system and approximately 90% of the stormwater infrastructure system to Sylvan Lake. This infrastructure rehabilitation project will address the sanitary sewer system as follows: - 9,500 linear feet of 8 inch diameter vitrified clay sewer mains with 8 inch diameter PVC mains. - Replace 34 brick manholes with precast concrete manholes - Replace 280, 4 inch diameter, sanitary sewer laterals with 4 inch diameter PVC laterals

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Flemington Borough		
Project No.:	S340440-04	Eligible Project Cost:	\$1,645,877
Rank:	433		
County:	Hunterdon	Total State Amount:	\$1,645,877

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0042
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0042

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Flemington Borough  
S340440-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

433

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-01	Eligible Project Cost:	\$289,789
Rank:	434		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Medford Lakes Borough  
S340319-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

434

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-03	Eligible Project Cost:	\$10,610,800
Rank:	435		
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**

435

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delaware Township Municipal Utilities Authority		
Project No.:	S340917-02	Eligible Project Cost:	\$430,399
Rank:	436		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Delaware Township Municipal Utilities Authority  
S340917-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

436

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-03	Eligible Project Cost:	\$3,154,960
Rank:	437		
County:	Morris	Total State Amount:	\$3,154,960

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003915
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003915

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mendham Borough  
S340159-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

437

**County**

Morris

**Existing Population**

3,915

**Service Area**

The Mendham Boro Water Reclamation Facility (WRF) and associated sanitary sewer system services the majority of the northern portion of the Borough of Mendham.

**Need for Project**

CCTV & Sanitary Sewer Rehabilitation - The Borough's WRF has recently experienced I/I related flow variations that have caused the WRF to exceed its permitted capacity. This condition has led the NJDEP to notify the Borough that the WRF has reached 90% of permitted capacity triggering the Capacity Assurance Program regulation requirements. The Capacity Assurance Plan provided to the NJDEP identified how flows would be reduced to alleviate capacity concerns. The plan indicated the Borough was in the planning stages of implementing a CCTV program to identify piping defects in the collection system that could be contributing excessive flow to the WRF. The CCTV and associated rehabilitation are the implementation of that project. WRF Improvements - the various improvements proposed at the WRF are to replace existing equipment that has reached the end of its useful life or to alleviate operational concerns at the plant. This is necessary to maintain operational compliance at the WRF

**Project Description**

The Borough of Mendham is currently planning to perform closed circuit television (CCTV) inspection to identify areas of I/I and defects within the sewer system. Based on the results of the CCTV work, a collection system rehabilitation project will be designed and bid to repair all identified defects in the collection system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-10	Eligible Project Cost:	\$621,500
Rank:	438		
County:	Hunterdon	Total State Amount:	\$621,500

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003906

**Project Name, Number**

Lambertville Municipal Utilities Authority  
S340882-10  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

438

**County**

Hunterdon

**Existing Population**

3,906

**Service Area**

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities:  City of Lambertville  Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

**Need for Project**

Water quality will be improved as a result of this project because potential sanitary sewer discharges will be minimized or eliminated through the replacement of existing sanitary sewers that are damaged and at the end of their useful life.

**Project Description**

Rehabilitation via cured-in-place lining approximately 1,450 linear feet of existing 8" VCP sanitary sewers in North Union Street between Delevan Street and York Street and in Swan Street between South Union Street and Route 179.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lambertville Municipal Utilities Authority		
Project No.:	S340882-08	Eligible Project Cost:	\$11,620,000
Rank:	438		
County:	Hunterdon	Total State Amount:	\$11,620,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003906
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003906

**Project Name, Number**

Lambertville Municipal Utilities Authority  
S340882-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

438

**County**

Hunterdon

**Existing Population**

3,906

**Service Area**

The Lambertville Municipal Utilities Authority (LMUA) Wastewater Management Plan (WMP) Planning Area includes portions of the following Hunterdon County municipalities:  City of Lambertville  Borough of Stockton Pursuant to an Agreement dated July 19, 1965 (amended August 4, 1980 and January 5, 1982, and July 6, 1995), the LMUA also provides service to the BCW&SA which is wholly contained in the State of Pennsylvania.

**Need for Project**

Water quality will be improved as a result of this project because potential sanitary sewer overflows or discharges will be minimized or eliminated through the use of new flood controls.

**Project Description**

Construction of new floodwall across the mouth of Swan Creek with floodgates built into the wall. The gates would be designed to be normally open to pass flows from Swan Creek and flows from the Canal spillway, and would close during Delaware River flood events preventing River flood waters from backing into the City via Swan Creek. A stormwater pump station would be constructed to convey residual stormwater flow from Swan Creek into the Delaware River when the gates are closed, while discharges from the Canal would be routed directly to the River. Also, the relocation of LMUA's Swan Street Pumping Station Force Main under the D&R Canal will involve installation of a new sewage force main via microtunneling from a point adjacent to the Swan Creek PS to a point where the new sewage force main will be reconnected to the existing sewage force main located to the south of the proposed floodgate structure. The existing Swan Street Pumping Station force main would be abandoned in place.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Merchantville Borough		
Project No.:	S340367-03	Eligible Project Cost:	\$805,887
Rank:	439		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Merchantville Borough  
S340367-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

439

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-01	Eligible Project Cost:	\$233,167
Rank:	440		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

High Bridge Borough  
S340842-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

440

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stanhope Borough		
Project No.:	S340504-02	Eligible Project Cost:	\$254,421
Rank:	441		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Stanhope Borough  
S340504-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

441

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pohatcong Township		
Project No.:	S340109-01	Eligible Project Cost:	\$706,449
Rank:	442		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Pohatcong Township  
S340109-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

442

**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 service connections.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamburg Borough		
Project No.:	S340149-03	Eligible Project Cost:	\$85,000
Rank:	443		
County:	Sussex	Total State Amount:	\$85,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003277
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003277

**Project Name, Number**

Hamburg Borough  
S340149-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

443

**County**

Sussex

**Existing Population**

3,277

**Service Area**

The Hamburg Sewer Department provides sanitary sewer service in the Borough of Hamburg. The customers are primarily residential except for municipal facilities, schools and businesses. The sanitary sewer system serves the entire Borough, which is a population of approximately 3,200 people.

**Need for Project**

Wastewater system Asset Management Plans are important for municipalities to drive the inspection, maintenance, repair of and renewal of their infrastructure consistent with regulatory standards. The Asset Management Plan will fully document the overall condition and operation of the wastewater system and identify the priority and budgetary costs of future capital investments. The Asset Management Plan will evaluate the physical, demographic, renewal (replacement or rehabilitation), regulatory, operational efficiency, safety, and security planning drivers to identify capital investment needs into the future (15 years).

**Project Description**

The Borough of Hamburg wishes to create and implement a Sanitary Sewer System Asset Management Plan through funding available from the (CW) Asset Management Plan Development; for Small CW Systems; populations <10,000. The Borough owns, operates and maintains a sanitary sewerage distribution system which benefits approximately 3,000 residents through approximately 1,000 connections. The Borough's sanitary sewer system consists of transmission mains, force mains, lateral connections, and pumping stations. The Borough wishes to report upon sound fundamentals in the planning, operation, maintenance, and reinvestment of its sanitary sewer system to assure a reliable sanitary sewer system to its customers and potential customers. The Borough proposes to proceed with the following program at this time: 1. Preparation of a Sanitary Sewer System Asset Management Plan 2. Condition assessment of collection system (via flow metering & inspection) 3. Geographic Information System (GIS) Update

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamburg Borough		
Project No.:	S340149-04	Eligible Project Cost:	\$360,000
Rank:	443		
County:	Sussex	Total State Amount:	\$360,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003277
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003277

**Project Name, Number**

Hamburg Borough  
S340149-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

443

**County**

Sussex

**Existing Population**

3,277

**Service Area**

The Hamburg Sewer Department provides sanitary sewer service in the Borough of Hamburg. The customers are primarily residential except for municipal facilities, schools and businesses. The sanitary sewer system serves the entire Borough, which is a population of approximately 3,200 people.

**Need for Project**

The maintenance, repair of and renewal of infrastructure consistent with regulatory standards is imperative for preserving water quality. The scope of work of this project is consistent with keeping maintaining and upgrading an existing aging sanitary sewer system.

**Project Description**

The Borough of Hamburg wishes to rehabilitate & upgrade their existing sanitary sewer system. The Borough owns, operates and maintains a sanitary sewerage distribution system which benefits approximately 3,200 residents through approximately 1,000 connections. The Borough wishes to rehabilitate its sanitary sewer system to assure a reliable sanitary sewer system to its customers and potential customers. The Borough proposes to proceed with the following program at this time: 1. Rehabilitation of the Quarry Road sanitary sewer pump station, including two new pumps, new rail system for pumps & floats in wet well, new hoist system, new control panel, new level control system, and a new back-up generator. 2. Purchase of spare/back-up pumps for all Borough Pump Stations (four other locations include the Gingerbread Castle Pump Station, Heritage Lakes Pump Station, Limekilm Road Pump Station, and Michael Court Pump Station) 3. I/I (Infiltration & Inflow) Correction



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-07	Eligible Project Cost:	\$4,486,000
Rank:	444		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Beach Township  
S340023-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

444

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-06	Eligible Project Cost:	\$3,524,481
Rank:	444		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Beach Township  
S340023-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

444

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-08	Eligible Project Cost:	\$120,001
Rank:	444		
County:	Ocean	Total State Amount:	\$120,001

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.003051
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003051

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Long Beach Township  
S340023-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

444

**County**

Ocean

**Existing Population**

3,051

**Service Area**

Entire Municipality

**Need for Project**

Asset Management Plan only

**Project Description**

Complete an Asset Management Plan for the Township Sanitary Sewer System

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Beach Township		
Project No.:	S340023-09	Eligible Project Cost:	\$6,443,606
Rank:	444		
County:	Ocean	Total State Amount:	\$6,443,606

**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	0
			Population	0.003051
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.003051

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Beach Township  
S340023-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

444

**County**

Ocean

**Existing Population**

3,051

**Service Area**

North Section of Long Beach Township between the Borough's of Surf City and Harvey Cedars

**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**

Removal and replacement of approximately 9000 LF of existing sanitary sewer pipe with 8-inch and 10-inch PVC SDR 26 sanitary sewer pipe, removal and replacement of approximately 200 linear feet of sanitary sewer lateral including wyes and connection to existing lateral remove and replace 65 new sanitary sewer drop manholes; removal and replacement of approximately 2500 SY of initial pavement restoration removal and replacement of approximately 3300 SY of final pavement restoration and all required fittings, dewatering, restriping, traffic control and disturbed landscaping areas.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbury Heights Borough		
Project No.:	S340257-02	Eligible Project Cost:	\$1,841,186
Rank:	445		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodbury Heights Borough  
S340257-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

445

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sea Isle City		
Project No.:	S340659-01	Eligible Project Cost:	\$667,397
Rank:	446		
County:	Cape May	Total State Amount:	\$667,397

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00295
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00295

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sea Isle City  
S340659-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

446

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Moonachie Borough		
Project No.:	S340970-02	Eligible Project Cost:	\$332,158
Rank:	447		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Moonachie Borough  
S340970-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

447

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodlynne Borough		
Project No.:	S340849-01	Eligible Project Cost:	\$4,264,056
Rank:	448		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodlynne Borough  
S340849-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

448

**County**

Camden

**Existing Population**

2,580

**Service Area**

Woodlynne Borough

**Need for Project**

The existing collection system is deteriorated with cracked pipes and open joints. Consequently the infiltration/inflow (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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Alpha Borough		
Project No.:	S340324-01	Eligible Project Cost:	\$639,645
Rank:	449		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Alpha Borough  
S340324-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

449

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Avon By The Sea Borough		
Project No.:	S340335-01	Eligible Project Cost:	\$3,973,856
Rank:	450		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Avon By The Sea Borough  
S340335-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

450

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lavallette Borough		
Project No.:	S340966-03	Eligible Project Cost:	\$2,526,304
Rank:	451		
County:	Ocean	Total State Amount:	\$2,526,304

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0023
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.0023

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lavallette Borough  
S340966-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

451

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lavallette Borough		
Project No.:	S340966-02	Eligible Project Cost:	\$430,399
Rank:	452		
County:	Ocean	Total State Amount:	\$430,399

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00229
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00229

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Lavallette Borough  
S340966-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

452

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Borough of Wenonah		
Project No.:	S340531-01	Eligible Project Cost:	\$1,330,000
Rank:	453		
County:	Gloucester	Total State Amount:	\$1,330,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002278
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.002278

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Borough of Wenonah  
S340531-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

453

**County**

Gloucester

**Existing Population**

2,278

**Service Area**

The Borough of Wenonah Department of Public Works operates and maintains five (5) small public sanitary sewer lift stations and 14.22 miles of main which serves 822 connections and approximately 2,278 people. No treatment is performed within this community and all sewerage is conveyed Gloucester County Sewerage Authority. The Borough plans for the repair deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. The proposed project is located within the public right-of-ways of Wenonah Borough in addition to Borough-owned land.

**Need for Project**

Portions of the existing collection system are deteriorated and subject to inflow and infiltration resulting in admission of groundwater to the system and loss of sewage to the environment. Specific areas will be identified as the target area for the collection system rehabilitation program. These areas will be identified in the asset management plan due to high frequency of repairs, high maintenance requirements and observed infiltration and inflow in the system. The Borough is interested to pursue the Principle Forgiveness that is available for small systems to cover the costs for the AMP.

**Project Description**

The Borough of Wenonah Department of Public Works operates and maintains five (5) small public sanitary sewer lift stations and 14.22 miles of main. Portions of the existing collection systems are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. The Borough plans for the repair of deteriorated sewers to assure that wastewater is safely conveyed through the sewers to each respective regional wastewater treatment facility. Additionally, the Borough anticipates replacing outdated lift stations. As such, in addition to the rehabilitation, a significant portion of the planning efforts represent the creation and preparation of an Asset Management Plan (AMP) which the Borough is seeking PF Grant monies to complete.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Weymouth Township Municipal Utilities Authority		
Project No.:	S340713-02	Eligible Project Cost:	\$570,013
Rank:	454		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Weymouth Township Municipal Utilities Authority  
S340713-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

454

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex Borough		
Project No.:	S340155-02	Eligible Project Cost:	\$522,000
Rank:	455		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Sussex Borough  
S340155-02  
Sanitary Sewer System Rehabilitation

### Priority List Rank

455

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Peapack Gladstone Borough		
Project No.:	S340822-01	Eligible Project Cost:	\$125,409
Rank:	456		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Peapack Gladstone Borough  
S340822-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

456

**County**

Somerset

**Existing Population**

2,120

**Service Area**

Entire Borough of Peapack-Gladstone

**Need for Project**

The existing sewer system has excessive I.I. Rehabilitation is necessary to remove excessive I.I. and to extend the useful life of the sewer system.

**Project Description**

The Borough has completed a TV & grouting program to reduce infiltration. The scope of the SSES will be reviewed after these measures are evaluated. The survey should consider inflow problems identified in subsystems 3, 4 and 5 which are defined in the original analysis (201 facilities plan).



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wyckoff Township		
Project No.:	S340738-03	Eligible Project Cost:	\$14,494,384
Rank:	457		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wyckoff Township  
S340738-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

457

**County**

Bergen

**Existing Population**

1,900

**Service Area**

Township of Wyckoff

**Need for Project**

The area is served by on-site septic systems. The majority of these systems do not function satisfactorily primarily due to poor soil conditions and the age of the individual systems. Health records along with on-site inspections and surveys indicate failing septic systems are contributing to the degradation of HoHoKus Brook (FW2-NT) consequently impacting fishable non-trout and industrial uses. Water quality in the area does not meet standards for fecal coliform and toxics.

**Project Description**

Project is currently in the design stage and will involve construction of 71600 linear feet of lateral sewer and interceptors to replace septic systems. This project along with C340739-02 (collection system P.S.) and C340482-02 (pump station force main and interceptor) provides an integrated collection system for the Township. Flows will be conveyed to the Northeast Bergen County Utilities Authority interceptor sewer.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Allentown Borough		
Project No.:	S340567-04	Eligible Project Cost:	\$570,013
Rank:	458		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Allentown Borough  
S340567-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

458

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Deal Borough		
Project No.:	S340412-08	Eligible Project Cost:	\$1,259,960
Rank:	459		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Deal Borough  
S340412-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

459

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Island Heights Borough		
Project No.:	S340176-02	Eligible Project Cost:	\$102,348
Rank:	460		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**  
Island Heights Borough  
S340176-02  
Pump Stations

**Priority List Rank**

460

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Island Heights Borough		
Project No.:	S340176-01	Eligible Project Cost:	\$392,454
Rank:	460		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**  
Island Heights Borough  
S340176-01  
Pump Stations

**Priority List Rank**

460

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S340083-04	Eligible Project Cost:	\$3,960,000
Rank:	461		
County:	Ocean	Total State Amount:	\$3,960,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001579
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001579

**Project Name, Number**

Seaside Park Borough  
S340083-04  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

461

**County**

Ocean

**Existing Population**

1,579

**Service Area**

The portion of the sanitary sewer system that the Borough of Seaside Park owns and operates is comparable to other towns in Ocean County. The owner of the sanitary sewer system is responsible for the conveyance of waste to a connection point with the Ocean County Utilities Authority (OCUA). The Borough owned sanitary system consists of gravity lines that ultimately feed into sanitary sewer mains owned and maintained by OCUA. The Borough owns, operates and maintains a sanitary sewer collection system that presently has approximately 1998 service connections

**Need for Project**

Seaside Park had multiple pipe collapses in the past 10 years, and emergency repairs were required to fix them. The material and age of the ACP/PVC pipes requires cautious working skill to avoid further damage when repairs are made. The collapse of the mains cause sewer blockages and backups of the main that could expose the resident to raw sewage. The area is in a flood zone and in close proximity to open waterways that feed the Barnegat Bay. The water table is high in the project limits which makes the failing sanitary system more susceptible to water infiltration into the system.

**Project Description**

Seaside Park Phase III A Sanitary Sewer Replacement will be a Phased Sanitary Sewer Replacement Project. This phase will consist of the replacement in kind of a failing sanitary sewer system consisting of approximately 9,400 linear feet of PVC Sanitary Sewer. The project will include the construction of new sanitary sewer manholes, pvc sanitary pipe, and new laterals with clean-outs. This project is located in a flood hazard area which encounters high water tables and is subject to high levels of water infiltration. The sanitary sewer main has reached its useful life and has been repaired in several locations under emergency work.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bay Head Borough		
Project No.:	S340590-02	Eligible Project Cost:	\$2,230,279
Rank:	462		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bay Head Borough  
S340590-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

462

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-05	Eligible Project Cost:	\$4,558,386
Rank:	463		
County:	Ocean	Total State Amount:	\$4,558,386

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001156
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001156

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ship Bottom Borough  
S340311-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

463

**County**

Ocean

**Existing Population**

1,156

**Service Area**

8th and 9th Streets and streets immediately surrounding

**Need for Project**

Sanitary sewer pipes are deteriorated and cracking 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 shall be replaced with PVC pipe.

**Project Description**

Removal and replacement of approx 6580 LF of existing sanitary sewer pipe with 8-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 1327 LF of existing sanitary sewer pipe with 10-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 545 LF of existing sanitary sewer pipe with 12-inch PVC SDR 26 sanitary sewer pipe, Removal and replacement of approx 805 LF of existing sanitary sewer pipe with 15-inch PVC SDR 26 sanitary sewer pipe and removal and replacement of approx. 2187 LF of lateral wyes and connect to exist lateral, removal and replacement of approx. 36 sanitary manholes, removal and replacement of approx. 11,070 SY of initial State/County pavement restoration, removal and replacement of approximately 14,743 SY of Final State/County pavement restoration and all required fittings, dewatering, restriping, traffic control and disturbed landscaping areas.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-03	Eligible Project Cost:	\$3,760,000
Rank:	463		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ship Bottom Borough  
S340311-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

463

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lebanon Borough Sewer Authority		
Project No.:	S340509-02	Eligible Project Cost:	\$207,090
Rank:	464		
County:	Hunterdon	Total State Amount:	\$207,090

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 0

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.001065

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lebanon Borough Sewer Authority  
S340509-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

464

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-02	Eligible Project Cost:	\$147,540
Rank:	465		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mansfield Township  
S340935-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

465

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roosevelt Borough		
Project No.:	S340761-02	Eligible Project Cost:	\$1,522,661
Rank:	466		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Roosevelt Borough  
S340761-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

466

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Fieldsboro Borough		
Project No.:	S340522-01	Eligible Project Cost:	\$110,150
Rank:	467		
County:	Burlington	Total State Amount:	\$110,150

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	450
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	450

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00054
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	450.00054

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Fieldsboro Borough  
S340522-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

467

**County**

Burlington

**Existing Population**

540

**Service Area**

The project service area is the Borough of Fieldsboro, which is located in Burlington County, New Jersey, is a 0.269 square mile town along the Delaware River, and it shares its borders with Bordentown Township.

**Need for Project**

An Asset Management Plan is needed in order to create a comprehensive inventory of the system assets, evaluate their condition and prioritize and plan for projects in order to repair, maintain and improve the system to meet level of service goals. This process is essential for sustaining adequate sewer and stormwater systems and service for residents of Fieldsboro. In addition, planning appropriately and prioritizing projects may prevent costly emergency repairs and potential environmental hazards, including raw sewerage leaks.

**Project Description**

The scope of work will initially include the development of an Asset Management Plan for the Sanitary Sewer and Stormwater Systems for the Borough of Fieldsboro (Fieldsboro) The proposed Scope of Service includes five US EPA Asset Management components, including the work associated to complete each: 1. Asset Inventory/Mapping and Condition Assessment (Current GIS Contract); 2. Level of Service Goals; 3. Criticality/Prioritization - Risk Assessment; 4. Life Cycle Costing; and 5. Long Term Funding Strategy. A subsequent capital construction project is anticipated to include improvements to the sanitary sewer system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-10	Eligible Project Cost:	\$0
Rank:	468		
County:	Burlington	Total State Amount:	\$0

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	400

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	415.031629

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-10  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

468

**County**

Burlington

**Existing Population**

31,629

**Service Area**

The Authority sewer system serves Willingboro and Edgewater Park and Westampton. The Authority water system serves Willingboro and Westampton Township, Mt. Laurel Township and Eveshame (via Mt. Laurel).

**Need for Project**

To be determined after energy efficiency plan developed.

**Project Description**

Development of energy efficiency plan (a/k/a Energy Savings Improvement plan) and then implementation of plan for various clean water and drinking water projects. Investment grade energy audit underway. From this audit, energy savings plan will be prepared and submitted to BPU and independent 3rd party for verification. Expected projects include cogen improvements, solar facility re-commissioning, water meter change outs and addition of advanced meter infrastructure, and sludge drying facility improvements,

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-45	Eligible Project Cost:	\$1,324,808
Rank:	469		
County:	Essex	Total State Amount:	\$1,324,808

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.513259

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-45  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

469

**County**

Essex

**Existing Population**

1,513,259

**Service Area**

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties.

**Need for Project**

PVSC is a regional wastewater treatment plant that accepts non-hazardous liquid wastes by truck, barge and ships. PVSC utilizes its sludge storage tanks to accept municipal wastes by barge and ship for treatment. The tanks are in need of repairs and improvements in order to maintain their integrity and operate properly.

**Project Description**

The project includes improvements and rehabilitation of PVSC's Sludge Storage Tanks #1 and #2. The work includes, but is not necessarily limited to, recoating and repairing the interior of the tanks, removing the existing lead paint on the exterior of the tanks, recoating them, pump and well improvements and performing miscellaneous structural repairs. The project also includes the installation of new piping, valving and/or pumping as necessary to provide additional connections and process flexibility.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-46	Eligible Project Cost:	\$1,936,731
Rank:	469		
County:	Essex	Total State Amount:	\$1,936,731

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	1.513259
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.513259

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-46  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

469

**County**

Essex

**Existing Population**

1,513,259

**Service Area**

PVSC serves 48 municipalities in portions of Bergen, Hudson, Essex, Union and Passaic Counties.

**Need for Project**

PVSC must rehabilitate the Decant Facility to maintain its ability to treat its biosolids.

**Project Description**

The project includes the design for the rehabilitation and improvements to the PVSC Decant Facility, consisting of, but not necessarily limited to, structural repairs, concrete repairs, improvements to the HVAC, electrical and control systems. Repair and/or replacement of the sludge rake mechanisms, sludge flocculation baffles and tank covers. Improvements to the yard lighting and piping as well as improvements to the regenerative after burners utilized for odor control.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-54	Eligible Project Cost:	\$15,523,844
Rank:	470		
County:	Essex	Total State Amount:	\$15,523,844

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. 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	1.509654
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	401.509654

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Passaic Valley Sewerage Commission  
S340689-54  
Sludge Treatment/Disposal Facilities

### Priority List Rank

470

### County

Essex

### Existing Population

1,509,654

### Service Area

PVSC serves 48 municipalities in parts of Bergen, Essex, Hudson, Passaic and Union Counties. In addition to the PVSC district, PVSC accepts non-hazardous liquid wastes from outside its sewer district by truck, ship and barge.

### Need for Project

PVSC utilizes thickening centrifuges to thicken our primary and waste activated sludges prior to feeding it into the wet air oxidation (Zimpro) process for stabilization. Currently four centrifuges are utilized to thicken the sludge. Due to increase in sludge production and the age of the equipment, a fifth thickening centrifuge needs to be purchased and installed to reliably process the sludge.

### Project Description

PVSC processes, transports and disposes of a daily average of approximately 260 wet tons of sludge. PVSC's Sludge Treatment Process utilizes gravity thickening of combined Waste Activated Sludge (WAS) and primary sludge. The thickened sludge is then processed by PVSC's four existing thickening centrifuges to concentrate the sludge solids further prior to feeding it into the wet air oxidation process (ZIMPRO) for stabilization. The centrifuge facility was designed such that ultimately 5 centrifuges would be installed. To date, four centrifuges have been successfully installed and operating. Recent investigations, and operational concerns due to aging equipment have triggered the need to install a fifth centrifuge. Under this loan, two contracts will be issued. One to purchase the centrifuge through our spare parts contract (Contract B195-1) and the second contract will be to install the centrifuge and ancillary equipment. PVSC has standardized on GEA Westfalia model CA 1036 units.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340683-05	Eligible Project Cost:	\$132,505,940
Rank:	471		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340683-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

471

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-27	Eligible Project Cost:	\$14,713,119
Rank:	471		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-27  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

471

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-06	Eligible Project Cost:	\$63,223,700
Rank:	471		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-06  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

471

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-17	Eligible Project Cost:	\$9,784,160
Rank:	472		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-17  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

472

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-02	Eligible Project Cost:	\$667,397
Rank:	473		
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
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CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		350

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				50
Population				0.087
BDA Points				0
Transit Villages				0
TOTAL POINTS				400.087

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Camden City  
S340366-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

473

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-01	Eligible Project Cost:	\$746,386
Rank:	474		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Asbury Park City  
S340883-01  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

474

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-18	Eligible Project Cost:	\$1,645,877
Rank:	475		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-18  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

475

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Branch Sewerage Authority		
Project No.:	S340820-03	Eligible Project Cost:	\$3,766,422
Rank:	476		
County:	Monmouth	Total State Amount:	\$3,766,422

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.030719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	375.030719

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Branch Sewerage Authority  
S340820-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

476

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millville City		
Project No.:	S340921-08	Eligible Project Cost:	\$6,840,000
Rank:	477		
County:	Cumberland	Total State Amount:	\$6,840,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	350
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	350

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.0284
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	375.0284

**Project Name, Number**

Millville City  
S340921-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

477

**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**

Solids handling is a known bottleneck due to aging equipment, mechanical reliability and lack of adequate redundancy. Dewatered sludge produced by the current system often does not meet the minimum % solids required by disposal facilities. This project will improve the biosolids dewatering operation capacity, reliability and performance.

**Project Description**

Solids handling is a known bottleneck due to aging equipment, mechanical reliability and lack of adequate redundancy. Dewatered sludge produced by the current system often does not meet the minimum % solids required by disposal facilities. This project will improve the dewatering operation capacity, reliability and performance through the following scope: Demolish the existing solid thickening/dewatering equipment - 2 gravity belt thickeners, 2 belt filter presses and associated wash water pumps, sludge pumps, polymer units, air compressors, process piping, concrete curbs and pads, conveyors, grinder, odor control fan and associated duct. Install new thickening and dewatering equipment - 2 sludge thickeners, 2 sludge dewatering presses, thickened sludge pumps, polymer blend units, a blended sludge grinder, air compressors, dewatered cake conveyor, roll-off container handling system, odor control fan, new plug valves for the existing sludge holding tank, associated electrical and I&C.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-13	Eligible Project Cost:	\$13,982,306
Rank:	478		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-13  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

478

**County**

Gloucester

**Existing Population**

200,000

**Service Area**

Northern portion of Gloucester County - Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., National Park Borough, Paulsboro Borough, Pitman Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Woodbury City, Woodbury Hgts. Borough, Parts of E. Greenwich Twp., Elk Twp., and Monroe Twp.

**Need for Project**

The GCUA WWTP is currently permitted to treat 24.10 mgd. The average flow is 19.4 mgd and the maximum value is 25 mgd. This project will not affect the water quality, however is necessary to meet the air quality permit limits for the incinerator.

**Project Description**

(Carryover SFY2015) - The Authority is proposing to construct an adsorber immediately adjacent to Sewage Sludge Incinerator 2. These upgrades are proposed in order to meet new federal air emission limits. The improvements will provide removal of acid gases (HCl and SO<sub>2</sub>) and the removal of mercury dioxins and furans.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-10	Eligible Project Cost:	\$790,000
Rank:	479		
County:	Atlantic	Total State Amount:	\$790,000

**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**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	365.014791

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hammonton Town  
S340927-10  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

479

**County**

Atlantic

**Existing Population**

14,791

**Service Area**

Town of Hammonton's Sewer service area.

**Need for Project**

Improvement of treatment facility and efficiency of current process. (Sludge Drying Process) Cost savings for disposal of Town's sludge.

**Project Description**

Town currently has a 26 year old sludge drying filter press system. We have investigated options for improvement of this system and completed a test trial with a Centrifuge sludge drying system. The Town has received positive results that would allow efficiency and reduced disposal costs at the Atlantic County Utilities Authority.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-07	Eligible Project Cost:	\$405,000
Rank:	480		
County:	Union	Total State Amount:	\$405,000

**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**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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	0.013183
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	365.013183

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Heights Township

S340385-07

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

480

**County**

Union

**Existing Population**

13,183

**Service Area**

Berkeley Heights and portions of New Providence, Warren and Watchung

**Need for Project**

The existing system is disintegrating and failing. Odors are being generated that are impacting the neighborhood. New regulations require a change of location, stack raising and a small natural gas line to be added to ensure the flame does not go out and cause odors.

**Project Description**

The methane gas flare system is failing due to age and degradation. It must be replaced due to its failing and the new requirement that the control system be located an additional 3 feet away from the source flame. The stack also must be raised an additional 6 feet and an new natural gas pilot line must be connected to the flare - also a new requirement so that the flame will not go out due to low BTUs.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bergen County Utilities Authority		
Project No.:	S340687-05	Eligible Project Cost:	\$37,834,533
Rank:	481		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bergen County Utilities Authority  
S340687-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

481

**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 tons/day of anaerobically digested liquid sludge which is currently dewatered by Spectroserv Inc. in the Town of Kearny and shipped to Pennsylvania to be landfilled. This interim sludge disposal alternative was implemented by the BCUA in order to enable the Authority to cease the ocean dumping of sewage sludge as mandated by federal and state legislation. However this practice is costly and its future availability is uncertain.

**Project Description**

The BCUA has modified its Sludge Management Plan to include beneficial reuse of the sludge. The modified plan calls for the chemical stabilization of the sludge and use of the product as final cover of the landfills in the Meadowlands area. As required by the Judicial Consent Decree the BCUA is required to pursue its original plan of incineration until such time as the beneficial use plan is approved.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	JMEUC		
Project No.:	S340686-03	Eligible Project Cost:	\$19,257,315
Rank:	482		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

JMEUC  
S340686-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

482

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington County		
Project No.:	S340818-04	Eligible Project Cost:	\$7,846,596
Rank:	483		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington County  
S340818-04  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

483

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean County Utilities Authority		
Project No.:	S340372-65	Eligible Project Cost:	\$4,133,330
Rank:	484		
County:	Ocean	Total State Amount:	\$4,133,330

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. 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	0.267196
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	350.267196

**Project Name, Number**

Ocean County Utilities Authority  
 S340372-65  
 Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

484

**County**

Ocean

**Existing Population**

267,196

**Service Area**

The Central Service Area (CSA) is depicted in Figure 1. The 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 Authority's CSA is comprised of the CWPCF located on Hickory Lane in Bayville, 19 pump/lift stations, 24 miles of force main, and 52 miles of gravity interceptors. The CWPCF was placed into operation in 1979, provides secondary treatment, and is rated at a capacity of 32 MGD. Effluent is discharged into the Atlantic Ocean through an outfall diffuser located approximately 6,000 feet out from the shore of Seaside Park in accordance with NJPDES Permit No. NJ0029408.

**Need for Project**

The Federal and State Act require that all wastewater management plans be in conformance with the WQMP and permits issued under the New Jersey Pollutant Discharge Elimination System (NJPDES) must also conform to the plan. None of the proposed projects under this Planning Document Submission will modify the ability to collect and treat sewage in any of the service areas. Therefore, these projects are consistent with the Ocean County Water Quality Management Plan (WQMP). Pursuant to NJAC 7:22-3.11 and 4.11, "A cost-effective analysis of the feasible, conventional, innovative and alternative technologies capable of meeting the applicable effluent, water quality, and public health requirements over the design life of the facility while recognizing environment and other non-monetary considerations" must be performed. This project will ensure that all of the facilities continue to achieve permit conditions, as well as protect the environment from system or equipment failure.

**Project Description**

The Ocean County Utilities Authority owns and operates three wastewater treatment plants. When constructed the CWPCF included three (3) active anaerobic digesters, Primary Digester No. 2, No. 3 and No. 4, a fourth but inactive digester, and two (2) Secondary Digesters, SD-1 and SD-2. In 1988, SD-1, an 85-foot diameter reinforced concrete structure was converted to a storage tank, now identified as the Thickened Sludge Storage and Blend Tank (TSSBT). The TSSBT received thickened digested sludge from all three WPCFs and then pumped this material to Fertilizer Manufacturing Division, where it is dewatered and manufactured into a Class A fertilizer (OceanGro). The TSSBT receives CWPCF and SWPCF thickened sludges and has an aluminum dome. This project involves the removal of the existing mixing system and replacement with a Linear Motion Mixer, repair of the dome, installation of "at grade" entrance into the tank, and interior concrete rehabilitation.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-28	Eligible Project Cost:	\$2,049,114
Rank:	485		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-28  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

485

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340399-15	Eligible Project Cost:	\$20,024,455
Rank:	486		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hudson County Improvement Authority  
S340399-15  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

486

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340900-01	Eligible Project Cost:	\$26,962,839
Rank:	487		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hudson County Improvement Authority  
S340900-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

487

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340405-04	Eligible Project Cost:	\$19,607,239
Rank:	488		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340405-04  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

488

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-08	Eligible Project Cost:	\$12,997,791
Rank:	489		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerset Raritan Valley Sewer Authority  
S340801-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

489

**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 DSW permit will be necessary.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-06	Eligible Project Cost:	\$12,302,395
Rank:	490		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S340661-06  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

490

**County**

Cape May

**Existing Population**

97,265

**Service Area**

WildwoodLower Region and Seven MileMiddle Region

**Need for Project**

The project is required to provide sludgesepage 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-09	Eligible Project Cost:	\$384,168
Rank:	490		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S340661-09  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

490

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Western Monmouth Utilities Authority		
Project No.:	S340128-09	Eligible Project Cost:	\$20,481,275
Rank:	491		
County:	Monmouth	Total State Amount:	\$20,481,275

**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	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				0.066
BDA Points				0
Transit Villages				0
TOTAL POINTS				350.066

**Project Name, Number**

Western Monmouth Utilities Authority  
S340128-09  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

491

**County**

Monmouth

**Existing Population**

66,000

**Service Area**

WMUA provides wastewater treatment service to a significant portion of the towns of Manalapan, Marlboro, and a portion of Englishtown and Freehold Township. The WMUA provides service to over 25,000 customers.

**Need for Project**

The Western Monmouth Utilities Authority (WMUA) owns and operates the Pine Brook Wastewater Treatment Plant located in Manalapan, New Jersey. The plant is permitted for an average daily flow of 8.8 million gallons per day and is approximately 45 years old. One of the major processes within the treatment plant is the anaerobic digestion facility. This system is integral to the wastewater treatment system and is required to maintain compliance with the facilities NJPDES permit. The WMUA desires to upgrade the components and supporting systems of this process to replace aging equipment, comply with latest code requirements, address safety concerns, and improve upon the performance of the anaerobic digestion system.

**Project Description**

The WMUA is desirous of upgrading the anaerobic digestion facility at their Pine Brook WWTP to replace aging equipment, comply with latest code requirements, address safety concerns, and improve upon the performance of the anaerobic digestion system. The improvements will include: application of a concrete corrosion coatings system for exposed portion of the structures, new gas holder floating covers for the primary and secondary digesters, thermal insulation systems for the new floating covers, new mixing system for the secondary digester, modifications to the existing mixing system for the primary digester, new sludge heat exchangers, new digester gas conveyance piping system. Additionally, it is anticipated that upgrades to the existing anaerobic digestion system will result in an increase in digester gas production. Digester gas can be used as a fuel for a future cogeneration system to produce both electric and thermal power which will offset the WMUA's electric usage and costs.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune Township Sewerage Authority		
Project No.:	S340410-09	Eligible Project Cost:	\$13,000,360
Rank:	492		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Neptune Township Sewerage Authority  
S340410-09  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

492

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Holly Municipal Utilities Authority		
Project No.:	S340819-02	Eligible Project Cost:	\$5,203,507
Rank:	493		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Holly Municipal Utilities Authority  
S340819-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

493

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Milford Borough		
Project No.:	S340805-02	Eligible Project Cost:	\$4,076,260
Rank:	494		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Milford Borough  
S340805-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

494

**County**

Hunterdon

**Existing Population**

6,100

**Service Area**

Milford Borough Holland Township

**Need for Project**

There is serious I/I existing in the sanitary sewer lines in Holland Township which is causing noncompliance with the suspended solids limitations of the NJPDES permit during periods of excessive rain. In addition the Milford Borough Sewer Utility which is classified as a Category D facility does not have the capability of handling septage and must plan for accepting the septage generated in its service area. Furthermore alternatives to the treatment plants current method of disposing of liquid sludge at a Pennsylvania landfill must be evaluated since it is on a short term basis.

**Project Description**

This project will be classified as a complete wastewater treatment system which includes Holland Township and Milford Borough. The Facilities Plan will develop alternatives for sludge disposal and evaluate a septic management district. Also an I/I and cost effectiveness analysis will be performed to determine the extent of excessive I/I in the system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-08	Eligible Project Cost:	\$21,916,520
Rank:	495		
County:	Cape May	Total State Amount:	\$21,916,520

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points  
0-200

Points Scored  
100

**II. PROJECT DISCHARGE TYPE**

Possible Points

Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points

Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Wildwood City  
S340663-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

495

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-05	Eligible Project Cost:	\$13,726,000
Rank:	496		
County:	Middlesex	Total State Amount:	\$13,726,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	100

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				15
Population				0.006893
BDA Points				0
Transit Villages				0
TOTAL POINTS				340.006893

**Project Name, Number**

Milltown Borough  
S340102-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

496

**County**

Middlesex

**Existing Population**

6,893

**Service Area**

The Service Area for the Milltown Municipal Facility is the entire Borough of Milltown. The Borough of Milltown is located in the center of Middlesex County, NJ and is bordered by North Brunswick Township to the north and west, the Township of East Brunswick to the south and the Borough of South River to the east.

**Need for Project**

The project is required in order to mitigate flooding of the existing Municipal Public Works Garage by removing it from the flood plain. Given the fact that flood levels have reached historic highs at this location twice within five years, there is a concern that the same are being influenced by changes in upstream conditions resulting in increased flood levels and flood frequency in the area of the Borough. In order for the Borough Municipal Facility to be fully utilized and protected from physical and financial damages it is necessary to relocate the facility to an alternate location at a higher elevation. The proposed location for the new Municipal Facility is at an elevation approximately 18 feet higher than the existing Municipal Facility and is approximately 14 feet higher than the 500 year flood plain elevation and the measured flood elevation from Hurricane Irene, which will reduce the risk of flooding.

**Project Description**

The existing Municipal Public Works Garage is situated in the 100-year floodplain of the Lawrence Brook. Severe flooding of the Lawrence Brook during a storm in April 2007 and during Hurricane Irene in August 2011 inundated the area surrounding the facility and flooded the interior of the building with several feet of water, resulting in the need for repetitive replacement of equipment and materials as well as physical damage to the building that required mitigation. The purpose of this project is to relocate the Milltown Municipal Facilities for flood mitigation. The proposed improvements consist of reconstructing the Municipal Facility outside of the flood plain. The new Municipal Facility will include a Department of Public Works Building, a Salt House and other Borough offices including Operations and Emergency Management. It is anticipated that the Borough's Firehouse will also be relocated to the new site.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340119-01	Eligible Project Cost:	\$3,000,793
Rank:	497		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Redevelopment Agency  
S340119-01  
Stormwater Management - Green Infrastructure

**Priority List Rank**

497

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Milford Township		
Project No.:	S340701-10	Eligible Project Cost:	\$289,789
Rank:	498		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Milford Township  
S340701-10  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

498

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manasquan Borough		
Project No.:	S340450-02	Eligible Project Cost:	\$4,505,800
Rank:	499		
County:	Monmouth	Total State Amount:	\$4,505,800

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	275

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005897
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	325.005897

**Project Name, Number**

Manasquan Borough  
S340450-02  
Stormwater Management - Green Infrastructure

**Priority List Rank**

499

**County**

Monmouth

**Existing Population**

5,897

**Service Area**

The population served by the project is the Borough of Manasquan, a 1.38 square mile coastal town in Monmouth County, New Jersey. The planning area consists of the entire borough, which will benefit from the project as measures will be implemented to improve water quality and replace ageing infrastructure. The project is located at Borough-owned property known as Axel Carlson Park, which is bordered by Stockton Lake. Axel Carlson Park is a linear waterfront passive recreation area with shade trees, picnic tables, benches, trash receptacles, a park sign, and an asphalt path that abuts the bulkhead with Stockton Lake.

**Need for Project**

The purpose of the project is to improve the water quality of stormwater runoff being discharged into Stockton Lake that eventually leads to Barnegat Bay through the Glimmer Glass, Manasquan River, and Point Pleasant Canal. The water quality need for this project is to remove total suspended solids and float-able pollutants from the stormwater system prior to discharging runoff into Stockton Lake in an effort to improve the water quality of Barnegat Bay. Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and other waterways including Barnegat Bay. If the runoff is not absorbed by soil and vegetation or by other measures, rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into surface waters. The existing bulkhead condition is also causing sediment to enter Stockton Lake. Holes in the bulkhead result in erosion behind the bulkhead causing sinkholes to form and sediment to spill freely.

**Project Description**

This is a Stormwater Management – Green Infrastructure project that impacts the Barnegat Bay Watershed. There is also a resiliency component. The proposed project includes stormwater management and conveyance improvements to include the creation of a longitudinal bioretention swale with rain garden areas, installation of overflow bubbler inlets on outfall pipes to discharge the runoff into the bioretention swale, installation of structural and/or non-structural water quality treatment devices and measures on existing outfall pipes for surface water conveyance, installation of new outfall pipes as needed for positive drainage of the bioretention swale, and grading of the park property as needed. Also included is the reconstruction and elevation of approximately 1,400 linear feet of bulkhead and installation of a pervious pedestrian walkway and safety railing at the new bulkhead.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Alloway Township		
Project No.:	S340965-01	Eligible Project Cost:	\$9,963,124
Rank:	500		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Alloway Township  
S340965-01  
Sanitary Sewer System - New

**Priority List Rank**

500

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-02	Eligible Project Cost:	\$7,975,913
Rank:	501		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S340946-02  
Sanitary Sewer System - New

**Priority List Rank**

501

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bridgewater Township		
Project No.:	S340638-03	Eligible Project Cost:	\$2,273,143
Rank:	502		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bridgewater Township  
S340638-03  
Sanitary Sewer System - New

**Priority List Rank**

502

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-04	Eligible Project Cost:	\$55,180
Rank:	503		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Wildwood Borough  
S340626-04  
Sanitary Sewer System - New

**Priority List Rank**

503

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Borough		
Project No.:	S340781-03	Eligible Project Cost:	\$551,932
Rank:	504		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Borough  
S340781-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

504

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-03	Eligible Project Cost:	\$4,983,647
Rank:	505		
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	15
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	315.014791

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hammonton Town  
S340927-03  
Sanitary Sewer System - New

**Priority List Rank**

505

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plumsted Township		
Project No.:	S340607-03	Eligible Project Cost:	\$16,789,494
Rank:	506		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plumsted Township  
S340607-03  
Sanitary Sewer System - New

**Priority List Rank**

506

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbine Borough		
Project No.:	S340370-02	Eligible Project Cost:	\$6,542,000
Rank:	507		
County:	Cape May	Total State Amount:	\$6,542,000

**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	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	0.002472
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	315.002472

**Project Name, Number**

Woodbine Borough  
S340370-02  
Sanitary Sewer System - New

**Priority List Rank**

507

**County**

Cape May

**Existing Population**

2,472

**Service Area**

The sewerable areas for the Borough (which is a designated Pinelands Town Center) are shown on a map prepared by the County of Cape May as part of their overall Water Quality Management Plan titled "Future Wastewater Service Area Map-Borough of Woodbine" dated January 7, 2013 and include all areas of the Borough except for the southwesterly area along Washington Avenue and Tyler Road being the Forest Agricultural/Residential (FAR) Zoning District and the area east of Dennisville-Petersburg Road (CR610) being a portion of the Planned Development (PD) Zoning District. Both of these excluded areas are designated as Septic Areas (<2,000 gpd) on the County map.

**Need for Project**

The primary purpose of the sewer project is to provide a public sewer system that will eliminate inadequate and, in some cases, failing onsite wastewater systems (cesspools) as well as an aging wastewater treatment plant for the State owned WDC facility, both of which contribute to groundwater degradation affecting the health, safety and welfare of the public. Construction of a new public sewer collection system with an interconnection to the CMCMUA Regional Wastewater Treatment system will eliminate the WDC treatment plant and provide the ability to begin the process of eliminating cesspools, which is anticipated to improve groundwater quality in the area.

**Project Description**

Construction of Phase 1 of a multi-phased public sanitary sewer collection system to service the sewerable areas of the Borough. Phase 1 will service the easterly end of the Borough including the State-owned Woodbine Developmental Center (WDC), the County Route 550 corridor and the Municipal Airport/Business Park. This new Borough sewer system will be connected to a proposed Cape May County MUA force main that will convey the wastewater to the Middle Township/Seven Mile Beach Regional Wastewater system for treatment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S340699-11	Eligible Project Cost:	\$22,117,020
Rank:	508		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middlesex County Utilities Authority  
S340699-11  
Wastewater Reuse

**Priority List Rank**

508

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-14	Eligible Project Cost:	\$4,679,566
Rank:	509		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-14  
Wastewater Reuse

**Priority List Rank**

509

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-11	Eligible Project Cost:	\$7,602,671
Rank:	510		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-11  
Wastewater Reuse

**Priority List Rank**

510

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S340661-07	Eligible Project Cost:	\$2,305,676
Rank:	511		
County:	Cape May	Total State Amount:	\$2,305,676

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	300
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	300

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.097265

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S340661-07  
Wastewater Reuse

**Priority List Rank**

511

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Old Bridge Municipal Utilities Authority		
Project No.:	S340945-04	Eligible Project Cost:	\$33,032,119
Rank:	512		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Old Bridge Municipal Utilities Authority  
S340945-04  
Sanitary Sewer System - New

**Priority List Rank**

512

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wayne Township		
Project No.:	S340929-01	Eligible Project Cost:	\$1,861,346
Rank:	513		
County:	Passaic	Total State Amount:	\$1,861,346

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.04555
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.04555

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wayne Township  
S340929-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

513

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Brunswick City		
Project No.:	S340437-03	Eligible Project Cost:	\$950,799
Rank:	514		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

New Brunswick City  
S340437-03  
Sanitary Sewer System - New

**Priority List Rank**

514

**County**

Middlesex

**Existing Population**

41,710

**Service Area**

City of New Brunswick

**Need for Project**

The existing sewer system in the City of New Brunswick is suspected of containing excessive I<sub>2</sub> 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-02	Eligible Project Cost:	\$5,700,971
Rank:	515		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Galloway Township  
S340892-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

515

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-02	Eligible Project Cost:	\$2,722,374
Rank:	516		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Winslow Township  
S340895-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

516

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Voorhees Township		
Project No.:	S340875-01	Eligible Project Cost:	\$5,630,570
Rank:	517		
County:	Camden	Total State Amount:	\$5,630,570

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.028126
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.028126

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Voorhees Township  
S340875-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

517

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Freehold Township		
Project No.:	S340304-01	Eligible Project Cost:	\$4,886,714
Rank:	518		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Freehold Township  
S340304-01  
Sanitary Sewer System - New

**Priority List Rank**

518

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340526-03	Eligible Project Cost:	\$2,911,180
Rank:	519		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340526-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

519

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Raritan Township Municipal Utilities Authority		
Project No.:	S340485-04	Eligible Project Cost:	\$8,583,061
Rank:	520		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Raritan Township Municipal Utilities Authority  
S340485-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

520

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Brunswick Township		
Project No.:	S340897-01	Eligible Project Cost:	\$1,254,485
Rank:	521		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Brunswick Township  
S340897-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

521

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rockaway Township		
Project No.:	S340478-05	Eligible Project Cost:	\$17,510,632
Rank:	522		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Rockaway Township  
S340478-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

522

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Maple Shade Township		
Project No.:	S340710-03	Eligible Project Cost:	\$496,861
Rank:	523		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**  
Maple Shade Township  
S340710-03  
Wastewater Reuse

**Priority List Rank**  
  
523

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montville Township		
Project No.:	S340931-02	Eligible Project Cost:	\$16,484,390
Rank:	524		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Montville Township  
S340931-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

524

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montville Township		
Project No.:	S340931-04	Eligible Project Cost:	\$2,767,332
Rank:	524		
County:	Morris	Total State Amount:	\$2,767,332

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0162
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.0162

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Montville Township  
S340931-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

### Priority List Rank

524

### County

Morris

### Existing Population

16,200

### Service Area

The Township of Montville has 135 miles of sanitary sewer mains carry 750 million gallons of sewage annually to the Parsippany-Troy Hills Wastewater Treatment Plant (Montville Township, n.d.). The Township is planning to expand its sanitary sewer system in the Old Lane and Mulbrook Area to connect residential homes currently on septic with approximately 9,000 linear feet of new mains, manholes, and laterals with cleanouts. The project service area in Montville Township is categorized as a residential area (Zone R-27A). The proposed collection system will be connected to the existing sewer systems on Valhalla road, Old Lane road and W Serafin way, and convey flow to the Parsippany-Troy Hills Wastewater Treatment Plant that is located 7.3 miles south of the project area.

### Need for Project

The proposed sewer systems will improve the groundwater quality thus the water quality of nearby Lake Valhalla and surface water. The septic systems of the proposed project area are poorly managed and failing. The poor condition of the septic systems results a critical groundwater and surface water contamination, therefore, poses a significant threat to drinking water and human health.

### Project Description

The proposed project consists of the connection of 95 existing homes to the existing Montville's sanitary sewer system. The properties are currently served by septic systems. The total length of 8" PVC pipe associated with the project is approximately 9,000 LF. The project also includes the 95 service laterals up to the property boundary and the road trench restoration.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-03	Eligible Project Cost:	\$8,972,628
Rank:	525		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manchester Township  
S340650-03  
Sanitary Sewer System - New

**Priority List Rank**

525

**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 pressure grinder 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Arlington Borough		
Project No.:	S340959-02	Eligible Project Cost:	\$708,917
Rank:	526		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Arlington Borough  
S340959-02  
Sanitary Sewer System - New

**Priority List Rank**

526

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bernards Township Sewerage Authority		
Project No.:	S340382-02	Eligible Project Cost:	\$542,184
Rank:	527		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bernards Township Sewerage Authority  
S340382-02  
Sanitary Sewer System - New

**Priority List Rank**

527

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340461-04	Eligible Project Cost:	\$7,211,095
Rank:	528		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340461-04  
Sanitary Sewer System - New

**Priority List Rank**

528

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Oakland Borough		
Project No.:	S340418-05	Eligible Project Cost:	\$40,854,622
Rank:	529		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Oakland Borough  
S340418-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

529

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Vernon Township		
Project No.:	S340745-02	Eligible Project Cost:	\$6,677,126
Rank:	530		
County:	Sussex	Total State Amount:	\$6,677,126

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.01108
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.01108

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Vernon Township  
S340745-02  
Sanitary Sewer System - New

**Priority List Rank**

530

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wanaque Borough		
Project No.:	S340434-02	Eligible Project Cost:	\$306,771
Rank:	531		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wanaque Borough  
S340434-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

531

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mahwah Township		
Project No.:	S340592-03	Eligible Project Cost:	\$9,194,418
Rank:	532		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mahwah Township  
S340592-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

532

**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 Walldick. The project report has not been submitted by the Township.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wantage Township		
Project No.:	S340760-03	Eligible Project Cost:	\$572,805
Rank:	533		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wantage Township  
S340760-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

533

**County**

Sussex

**Existing Population**

9,490

**Service Area**

Wantage Township

**Need for Project**

The entire Township of Wantage is currently using on-site wastewater disposal. However in several areas there are failing systems which qualify as a public nuisance.

**Project Description**

The Sussex County Municipal Utilities Authority is developing a complete wastewater treatment system which includes upgrading of the Sussex Borough STP. The Sussex Borough STP may be available to serve new systems within Wantage Township. This project includes the design and construction of a local collection system and possible upgrading of existing on-site systems for the Wantage Township area pending submittal and approval of the Sussex County Municipal Utilities Authority-Lower Wallkill 201 Facilities Plan (No. C340573-01).



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Chatham Township		
Project No.:	S340403-05	Eligible Project Cost:	\$708,917
Rank:	534		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Chatham Township  
S340403-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

534

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bloomingdale Borough		
Project No.:	S340634-03	Eligible Project Cost:	\$3,790,064
Rank:	535		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bloomingtondale Borough

S340634-03

Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

535

**County**

Passaic

**Existing Population**

8,060

**Service Area**

Bloomingtondale

**Need for Project**

Some of the septic systems in the township are malfunctioning and causing potential environmental or health hazard situations and creating a public nuisance.

**Project Description**

This project involves construction of new sewerage system facilities including interceptors pump stations force mains and collection systems and/or other alternatives for wastewater disposal problems in the areas of Morse Lake Union Avenue Hillside Drive and Vreeland Avenue. The wastewater would be conveyed to the Butler Bloomingtondale 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Upper Saddle River Borough		
Project No.:	S340909-01	Eligible Project Cost:	\$1,384,609
Rank:	536		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Upper Saddle River Borough  
S340909-01  
Sanitary Sewer System - New

**Priority List Rank**

536

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Long Hill Township		
Project No.:	S340404-05	Eligible Project Cost:	\$14,495,600
Rank:	537		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Long Hill Township  
S340404-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

537

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-05	Eligible Project Cost:	\$13,791,502
Rank:	538		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manchester Township  
S340650-05  
Pump Stations

**Priority List Rank**

538

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Fairfield Township		
Project No.:	S340957-01	Eligible Project Cost:	\$7,336,023
Rank:	539		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Fairfield Township  
S340957-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

539

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carlstadt Sewerage Authority		
Project No.:	S340705-03	Eligible Project Cost:	\$5,342,181
Rank:	540		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carlstadt Sewerage Authority  
S340705-03  
Sanitary Sewer System - New

**Priority List Rank**

540

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mahwah Township		
Project No.:	S340737-01	Eligible Project Cost:	\$230,325
Rank:	541		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mahwah Township  
S340737-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

541

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S340759-02	Eligible Project Cost:	\$7,234,628
Rank:	542		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S340759-02  
Sanitary Sewer System - New

**Priority List Rank**

542

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wharton Borough		
Project No.:	S340489-03	Eligible Project Cost:	\$599,302
Rank:	543		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wharton Borough  
S340489-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

543

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berlin Township		
Project No.:	S340790-02	Eligible Project Cost:	\$847,274
Rank:	544		
County:	Camden	Total State Amount:	\$847,274

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.00555
BDA Points				0
Transit Villages				0
TOTAL POINTS				300.00555

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berlin Township  
S340790-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

544

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Frankford Township		
Project No.:	S340742-02	Eligible Project Cost:	\$2,727,380
Rank:	545		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Frankford Township  
S340742-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

545

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Blairstown Township		
Project No.:	S340568-02	Eligible Project Cost:	\$1,512,694
Rank:	546		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Blairstown Township  
S340568-02  
Sanitary Sewer System - New

**Priority List Rank**

546

**County**

Warren

**Existing Population**

4,890

**Service Area**

Blairstown

**Need for Project**

Presently Blairstown Township has failing on-site wastewater disposal systems. There are documented failures in parts of the Township that may eventually pose health problems in the future. There are no public wastewater collection and treatment facilities in the study area but there are currently two privately owned and operated wastewater treatment plants Blair Academy and N. Warren Regional High School

**Project Description**

This project (S340568-02) includes the construction of a collection system for the Village of Blairstown area. The sewage will be conveyed to and treated at the proposed regional STP.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340729-01	Eligible Project Cost:	\$1,744,301
Rank:	547		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Riverdale Borough  
S340729-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

547

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mahwah Township		
Project No.:	S340592-06	Eligible Project Cost:	\$5,532,128
Rank:	548		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mahwah Township  
S340592-06  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

548

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-06	Eligible Project Cost:	\$3,997,392
Rank:	549		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Bergen Municipal Utilities Authority  
S340652-06  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

549

**County**

Hudson

**Existing Population**

2,330

**Service Area**

North Bergen Township and Guttenberg Town

**Need for Project**

The Authority is in the process of designing new sanitary sewers to serve the River Road portion of the Township. This area is currently served by on-site systems many of which are failing or through direct illegal discharges to the Hudson River. This project will be necessary to ensure continued permit compliance once the River Road system is completed. Sewage Treatment Flow Effluent Plant (STP) Name (mgd) Reported BOD Reported SS (NJPDES ) Design Present mgl mgl Woodcliff (Secondary) (NJ0029084) 2.65 2.67 89 16 89 8

**Project Description**

Expansion of the existing Woodcliff Wastewater Treatment Plant to accommodate additional flows from the River Road service area in the Township of North Bergen.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Oxford Township		
Project No.:	S340445-02	Eligible Project Cost:	\$183,343
Rank:	550		
County:	Warren	Total State Amount:	\$183,343

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002307
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.002307

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Oxford Township  
S340445-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

550

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-01	Eligible Project Cost:	\$3,665,234
Rank:	551		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-01  
Sanitary Sewer System - New

**Priority List Rank**

551

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kinnelon Borough		
Project No.:	S340487-02	Eligible Project Cost:	\$9,964,412
Rank:	552		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Kinnelon Borough  
S340487-02  
Sanitary Sewer System - New

**Priority List Rank**

552

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hope Township		
Project No.:	S340872-01	Eligible Project Cost:	\$508,696
Rank:	553		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hope Township  
S340872-01  
Sanitary Sewer System - New

**Priority List Rank**

553

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pequannock Township		
Project No.:	S340480-06	Eligible Project Cost:	\$9,333,821
Rank:	554		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pequannock Township  
S340480-06  
Sanitary Sewer System - New

**Priority List Rank**

554

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Washington Township		
Project No.:	S340930-01	Eligible Project Cost:	\$3,335,192
Rank:	555		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Washington Township  
S340930-01  
Sanitary Sewer System - New

**Priority List Rank**

555

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-06	Eligible Project Cost:	\$3,340,073
Rank:	556		
County:	Ocean	Total State Amount:	\$3,340,073

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00128
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	300.00128

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manchester Township  
S340650-06  
Pump Stations

**Priority List Rank**

556

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Upper Township		
Project No.:	S340619-03	Eligible Project Cost:	\$2,326,681
Rank:	557		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Upper Township  
S340619-03  
Sanitary Sewer System - New

**Priority List Rank**

557

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pequannock Township		
Project No.:	S340480-05	Eligible Project Cost:	\$6,403,679
Rank:	558		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pequannock Township  
S340480-05  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

558

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Branchville Borough		
Project No.:	S340740-02	Eligible Project Cost:	\$2,584,971
Rank:	559		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Branchville Borough  
S340740-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

559

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Southampton Township		
Project No.:	S340961-01	Eligible Project Cost:	\$2,459,208
Rank:	560		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Southampton Township  
S340961-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

560

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Shamong Township		
Project No.:	S340831-01	Eligible Project Cost:	\$2,702,506
Rank:	561		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Shamong Township  
S340831-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

561

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millstone Borough		
Project No.:	S340271-01	Eligible Project Cost:	\$3,340,073
Rank:	562		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Millstone Borough  
S340271-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

562

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainsboro Township		
Project No.:	S340836-01	Eligible Project Cost:	\$2,089,419
Rank:	563		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainsboro Township  
S340836-01  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

563

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clayton Borough		
Project No.:	S340918-01	Eligible Project Cost:	\$1,162,637
Rank:	564		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clayton Borough  
S340918-01  
Sanitary Sewer System - New

**Priority List Rank**

564

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsville Sewerage Authority		
Project No.:	S340870-01	Eligible Project Cost:	\$2,157,878
Rank:	565		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Pennsville Sewerage Authority  
S340870-01  
Sanitary Sewer System - New

**Priority List Rank**

565

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340833-01	Eligible Project Cost:	\$721,415
Rank:	566		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340833-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

566

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pequannock Township		
Project No.:	S340480-03	Eligible Project Cost:	\$1,645,877
Rank:	567		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pequannock Township  
S340480-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

567

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lincoln Park Borough		
Project No.:	S340594-02	Eligible Project Cost:	\$4,245,681
Rank:	568		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lincoln Park Borough  
S340594-02  
Sanitary Sewer System - New

**Priority List Rank**

568

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-08	Eligible Project Cost:	\$36,885
Rank:	569		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Woodbridge Township  
S340433-08  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

569

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-21	Eligible Project Cost:	\$2,820,700
Rank:	570		
County:	Union	Total State Amount:	\$2,820,700

**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				50
Population				0.124969
BDA Points				0
Transit Villages				10
TOTAL POINTS				285.124969

**Project Name, Number**

Elizabeth City  
S340942-21  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

570

**County**

Union

**Existing Population**

124,969

**Service Area**

The project service area is in Elizabeth, NJ consisting of predominantly single-family residential streets of Melrose Terrace, Decker Avenue, Wilson Terrace, Lincoln Avenue (from Melrose Terrace to Cherry Street) and a few multi-unit residential buildings on Cherry Street (from Lincoln Avenue to Trotters Lane). The area is served by separate storm sewers. The existing storm system discharges to an unnamed tributary of the Elizabeth River in Phil Rizzuto Park. The unnamed tributary transitions to a box culvert across Morris Avenue, along Trotters Lane, and finally discharges to the Elizabeth River. In the proposed plan, drainage from the service area will be redirected to a new storm sewer along Lincoln Ave and Cherry Street, which will discharge to a proposed new connection to the Trotters Lane box culvert (about 350 feet downstream of the existing outlet in Phil Rizzuto Park). The project is necessary to provide adequate flood relief and surface drainage to the residents of this area.

**Need for Project**

The project is needed by the community to relieve periodic, localized street flooding on Melrose Terrace, Decker Avenue and Wilson Terrace caused by the existing limitations in the storm sewer capacity due to pipe alignment and size. This flooding interferes with residents ability to access their homes and causes nuisances for motorists. The installation of the rerouted and upsized storm sewers aims to reduce the incidence of this flooding. The project will not reduce flood storage volume or increase flood flow because all construction will be below ground with restoration to existing grade, and the project will not create or drain any new impervious area to the storm sewer system.

**Project Description**

The proposed project involves the replacement and rerouting of storm sewers within existing street rights of way along Melrose Terrace, Decker Avenue, Wilson Terrace, Lincoln Avenue and Cherry Street in the City of Elizabeth, Union County, New Jersey. The objective is to mitigate reported periodic, localized flooding along these residential streets, which has also been confirmed with hydraulic/hydrologic modelling in a previously completed feasibility study. In order to provide additional conveyance through the storm sewer system, the sewers along these streets will be upsized, with flow re-directed away from the existing outlet at Phil Rizzuto Park, and conveyed further downstream to an existing stormwater culvert at Trotters Lane to the outfall to the Elizabeth River. This portion of the project involves engineering design and construction phase services for sewer installation.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-15	Eligible Project Cost:	\$1,600,000
Rank:	571		
County:	Bergen	Total State Amount:	\$1,600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.04301
BDA Points				0
Transit Villages				10
TOTAL POINTS				285.04301

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-15  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

571

**County**

Bergen

**Existing Population**

43,010

**Service Area**

South Newman Street, the Polifly Park area, Temple Avenue, Pine Street, South River (East of Lafayette) and Hudson Street (between Water and Kennedy Streets)

**Need for Project**

Efforts are to mitigate stormwater infrastructure capacity issues by retrofitting existing infrastructure, adding new infrastructure and updating stormwater management measures.

**Project Description**

Stormwater infrastructure improvements to South Newman Street, the Polifly Park area, Temple Avenue, Pine Street, South River (East of Lafayette) and Hudson Street (between Water and Kennedy Streets)

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woolwich Township		
Project No.:	S340432-01	Eligible Project Cost:	\$15,092,956
Rank:	572		
County:	Gloucester	Total State Amount:	\$15,092,956

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				25
Population				0.0102
BDA Points				0
Transit Villages				0
TOTAL POINTS				275.0102

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Woolwich Township  
S340432-01  
Sanitary Sewer System - New

### Priority List Rank

572

### County

Gloucester

### Existing Population

10,200

### Service Area

Woolwich Township is located in northwestern Gloucester County and is bounded by the Townships of Logan, Greenwich and East Greenwich on the north, Township of Harrison on the east, Township of South Harrison and Piles grove on the south, Township of Oldmans on the west and the Borough of Swedesboro in the center. The Township of Woolwich has an approved Wastewater Management Plan that includes the area to be served by this project within the sewer service area. Sanitary sewer service in Woolwich Township is provided by Aqua NJ. The Weatherby area of the Township has a sanitary sewer system that flows to LTMUA. There is also a small section of the Township that is serviced by Swedesboro.

### Need for Project

The project will serve the TDR receiving area along Route 322. The area is currently serviced by septic systems. The new sewer force main and pump station will ensure future development is not serviced by septic. Otherwise development could result in negative impacts to water quality. Although the project impacts the TDR receiving area, the sending area will now be protected from future development and water quality issues that may have resulted from development in the sending area.

### Project Description

The project serves a smart growth regional center and a TDR receiving area. This project consists of the extension of sanitary sewer service to residential and commercial properties within the TDR receiving area designated along Route 322 and commercial and industrial properties along Route 322. A gravity sewer extension will be installed within the Route 322 rights-of-ways and a sanitary pumping station will be located at the border of Woolwich and Logan Townships. A force main will extend along Route 322 and through an easement to convey the flows from the proposed Woolwich pump station to an existing LTMUA pump station which will convey the flow to the Water Reclamation Facility.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Sewerage Commission		
Project No.:	S340689-17	Eligible Project Cost:	\$3,054,560
Rank:	573		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Sewerage Commission  
S340689-17  
Equipment Purchase (Clean Water)

**Priority List Rank**

573

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-26	Eligible Project Cost:	\$26,600,000
Rank:	574		
County:	Camden	Total State Amount:	\$26,600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.513657
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	275.513657

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-26  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

574

**County**

Camden

**Existing Population**

513,657

**Service Area**

Camden County

**Need for Project**

Excessive nutrients have led to the Newton Creek to become eutrophic which has manifested itself in algae blooms and algae mats. The algae blooms and mats have affected the dissolved oxygen levels in the creek. This project will address watershed and stormwater practices to positively affect external nutrient loading.

**Project Description**

The project consists of the dredging of the Newton Lake from Cuthbert Boulevard to the Black Horse Pike in Oaklyn including the Peter's Creek tributary, Pond 2 and Nichols Pond. Dredging will improve the water quality of the Creek.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-11	Eligible Project Cost:	\$2,049,114
Rank:	575		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden City  
S340366-11  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

575

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S340635-03	Eligible Project Cost:	\$73,770
Rank:	576		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hoboken City  
S340635-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

576

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-11	Eligible Project Cost:	\$395,962
Rank:	577		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Township  
S340969-11  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

577

**County**

Ocean

**Existing Population**

41,255

**Service Area**

Berkeley Township

**Need for Project**

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers creeks and lakes. Rainwater carries chemicals nutrients sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Townships goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas. This will reduce the amount of pollutants being carried off to nearby watercourses and reduce flooding.

**Project Description**

The proposed project includes replacement of existing compacted gravel roads that currently have no stormwater management controls with pavement and specific stormwater controls both structural and nonstructural to properly control stormwater runoff and reduce nonpoint source pollution. Nonstructural management will include practices such as allowing stormwater to runoff roadways into vegetated areas as sheet flow where feasible directing runoff into vegetated swales where feasible and allowing stormwater that must be collected to bubble up through outlets and spread out as sheet flow runoff through vegetated filter strips and forested riparian buffers. Where it is not practical to utilize those nonstructural practices stormwater will be collected and directed into an underground stormwater recharge system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-02	Eligible Project Cost:	\$8,859,157
Rank:	578		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic City  
S340439-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

578

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-01	Eligible Project Cost:	\$18,830,939
Rank:	578		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	0
50	0
Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic City  
S340439-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

578

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic City		
Project No.:	S340439-03	Eligible Project Cost:	\$2,488,662
Rank:	578		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic City  
S340439-03  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

578

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-07	Eligible Project Cost:	\$500,308
Rank:	579		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manchester Township  
S340650-07  
Stormwater Management - Green Infrastructure

**Priority List Rank**

579

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bernards Township		
Project No.:	S340382-04	Eligible Project Cost:	\$1,928,489
Rank:	580		
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**

580

**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 ecosystem.

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Secaucus Town		
Project No.:	S340029-03	Eligible Project Cost:	\$2,250,375
Rank:	581		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Secaucus Town  
S340029-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

581

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Secaucus Town		
Project No.:	S340029-04	Eligible Project Cost:	\$2,359,234
Rank:	581		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Secaucus Town  
S340029-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

581

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-07	Eligible Project Cost:	\$708,917
Rank:	582		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Asbury Park City  
S340883-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

582

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-02	Eligible Project Cost:	\$3,007,318
Rank:	583		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Richard Stockton College  
S340146-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

583

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-03	Eligible Project Cost:	\$26,849,966
Rank:	583		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Richard Stockton College  
S340146-03  
Green Infrastructure

**Priority List Rank**

583

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-01	Eligible Project Cost:	\$597,909
Rank:	583		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Richard Stockton College  
S340146-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

583

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Belmar Borough		
Project No.:	S340209-02	Eligible Project Cost:	\$574,201
Rank:	584		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Belmar Borough  
S340209-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

584

**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 complaint ramps traffic control and restoration of the above two intersections.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cinnaminson Sewerage Authority		
Project No.:	S340170-08	Eligible Project Cost:	\$899,000
Rank:	585		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cinnaminson Sewerage Authority  
S340170-08  
Sanitary Sewer System - New

**Priority List Rank**

585

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester City		
Project No.:	S340958-07	Eligible Project Cost:	\$112,292
Rank:	586		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester City  
S340958-07  
Water Mains

**Priority List Rank**

586

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Totowa Borough		
Project No.:	PID-1626	Eligible Project Cost:	\$420,000
Rank:	587		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Totowa Borough  
PID-1626  
Sanitary Sewer System - New

**Priority List Rank**

587

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbine Borough		
Project No.:	S340370-01	Eligible Project Cost:	\$12,630,925
Rank:	588		
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	15
			Population	0.003
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	265.003

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodbine Borough  
S340370-01  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

588

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cranbury Township		
Project No.:	S340506-02	Eligible Project Cost:	\$3,603,428
Rank:	589		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cranbury Township  
S340506-02  
Sanitary Sewer System - New

**Priority List Rank**

589

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Greenwich Township		
Project No.:	S340359-02	Eligible Project Cost:	\$2,200,000
Rank:	590		
County:	Warren	Total State Amount:	\$2,200,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	5
			Population	0.005712
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	255.005712

**Project Name, Number**

Greenwich Township  
S340359-02  
Sanitary Sewer System - New

**Priority List Rank**

590

**County**

Warren

**Existing Population**

5,712

**Service Area**

The proposed service area is located in the hamlet of Stewartsville, Greenwich Township ant the intersection of two county roads and a municipal road. The hamlet primarily consists of d single family and multi-family dwellings, commercial buildings and institutional buildings. Many of the lots are approximately one quarter acre in size. The community is served by a public waster supply.

**Need for Project**

Failing septic systems on small lots and the proximity to local streams

**Project Description**

The Township of Greenwich proposes to install a collector sewer in the vicinity of the Village of Stewartsville. The project area is located in an existing approved sewer service area designated in the Township's Wastewater Management Plan (WMP). Dwellings and commercial establishments in the village are currently served by onsite sewage disposal system, many of which are cesspools. The proposed sewer extension is anticipated to be primarily a gravity system to be constructed within existing road right-of-ways and other easements as required. The gravity system would be routed to a proposed pump station adjacent to the Greenwich Township Middle School located on South Main Street. The proposed sewers would be located in the following streets and right-of-ways: Greenwich Street (County Route 638) North Main Street (County Route 637) South Main Street (County Route 637) Willow Grove Road Washington Street Water Tower Road

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Holly Municipal Utilities Authority		
Project No.:	S340817-02	Eligible Project Cost:	\$1,525,150
Rank:	591		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Holly Municipal Utilities Authority  
S340817-02  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

591

**County**

Burlington

**Existing Population**

358,290

**Service Area**

Several Municipalities in New Jersey

**Need for Project**

The State of New Jersey has mandated that all septic tank wastes (septage) be banned from disposal in unlined landfills as of March 15 1985. Subsequently as there are no adequate landfills in the County an agreement has been reached between Burlington County and the Mount Holly Sewerage Authority in which the latter would act as the lead agency to dispose of the Countys septage on an interim basis. However the Authoritys facility is not designed to accept septage and the septage management plan concluded that treatment plant modifications are necessary. Since there are no adequate means of septage disposal in the County initial investigations indicate that septage is being dumped illegally and in all likelihood is resulting in localized surface and ground water degradation.

**Project Description**

The proposed project will treat and dispose of all the septage generated in the County on a short term basis at relatively minor costs. The county-wide sludgeseptage study (C340818-01) will plan for septage disposal on a long-term basis. The latter study may conclude that the Authority should dispose of septage also for the long-term. The plans and specifications recently submitted will provide for the following 1. Screening and Grit Removal Equipment 2. Comminutor 3. Aerated Holding Tanks 4. Chlorination Equipment 5. Pumps 6. Odor Control 7. Prefabricated Structure

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Utilities Authority		
Project No.:	S340902-01	Eligible Project Cost:	\$4,945,666
Rank:	592		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Utilities Authority  
S340902-01  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

592

**County**

Gloucester

**Existing Population**

159,770

**Service Area**

Clayton Borough Deptford Twp. Glassboro Borough Mantua Twp. Monroe Twp. National Park Borough Paulsboro Borough Washington Twp. Wenonah Borough W. Deptford Twp. Westville Borough Woodbury City and Woodbury Hts Borough

**Need for Project**

The Gloucester County Utilities Authority (GCUA) is presently disposing of sludge by incineration. The design capacity of the GCUA incinerator is inadequate to handle the 15 tons of sludge (dry weight basis) produced at the GCUA Regional Plant. As a result the Authority proposes to add another fluidized bed to the existing incinerator in order to increase its design capacity. The approved (201) Facilities Plan for the GCUA consolidated region calls for static pile composing as a long term sludge management alternative. Therefore the Authority may be required to amend the facilities plan should they intend to employ incineration as the most cost effective environmentally sound and implementable long term sludge management alternative.

**Project Description**

The project will consist of the addition of a fluidized bed to the existing incinerator of the GCUA Regional Plant for disposal of all the sludges produced in the GCUA-consolidated region.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerset Raritan Valley Sewer Authority		
Project No.:	S340801-03	Eligible Project Cost:	\$1,465,130
Rank:	593		
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
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Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerset Raritan Valley Sewer Authority  
S340801-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

593

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-02	Eligible Project Cost:	\$4,320,000
Rank:	594		
County:	Ocean	Total State Amount:	\$4,320,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.092843
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.092843

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Lakewood Township Municipal Utilities Authority  
S340465-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

594

**County**

Ocean

**Existing Population**

92,843

**Service Area**

Residential and Commercial area.

**Need for Project**

Please refer to plan specifications

**Project Description**

The Authority will be constructing 2 Gravity sewer lines 1) Along Vasser Avenue: Construction of 5,410 linear feet of new sanitary sewer; and 2) Along East County Line Road: Removal of existing pump station and 249 linear feet of existing sanitary. Construction of 2,637 linear feet of new sanitary sewer.both in the township of Lakewood.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clifton City		
Project No.:	S340844-03	Eligible Project Cost:	\$4,391,306
Rank:	595		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clifton City  
S340844-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

595

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-11	Eligible Project Cost:	\$6,419,326
Rank:	596		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-11  
Sanitary Sewer System - New

**Priority List Rank**

596

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem County		
Project No.:	S340804-03	Eligible Project Cost:	\$6,816,427
Rank:	597		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Salem County  
S340804-03  
Sludge Treatment/Disposal Facilities

### Priority List Rank

597

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Parsippany Troy Hills Township		
Project No.:	S340886-03	Eligible Project Cost:	\$354,638
Rank:	598		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Parsippany Troy Hills Township  
S340886-03  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

598

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northwest Bergen County Utilities Authority		
Project No.:	S340700-05	Eligible Project Cost:	\$2,294,564
Rank:	599		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Northwest Bergen County Utilities Authority  
S340700-05  
Sludge Treatment/Disposal Facilities

**Priority List Rank**

599

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mansfield Township		
Project No.:	S340935-03	Eligible Project Cost:	\$11,392,714
Rank:	600		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mansfield Township  
S340935-03  
Sanitary Sewer System - New

**Priority List Rank**

600

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield Municipal Utilities Authority		
Project No.:	S340240-02	Eligible Project Cost:	\$3,997,392
Rank:	601		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield Municipal Utilities Authority  
S340240-02  
Pump Stations

**Priority List Rank**

601

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Egg Harbor Township Municipal Utilities Authority		
Project No.:	S340753-05	Eligible Project Cost:	\$903,160
Rank:	602		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Egg Harbor Township Municipal Utilities Authority  
S340753-05  
Sanitary Sewer System - New

**Priority List Rank**

602

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bridgewater Township		
Project No.:	S340638-05	Eligible Project Cost:	\$788,517
Rank:	603		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bridgewater Township  
S340638-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

603

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township Sewer Authority		
Project No.:	S340969-08	Eligible Project Cost:	\$6,137,256
Rank:	604		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Berkeley Township Sewer Authority  
S340969-08  
Sanitary Sewer System - New

**Priority List Rank**

604

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township Sewer Authority		
Project No.:	S340969-09	Eligible Project Cost:	\$4,202,120
Rank:	604		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Berkeley Township Sewer Authority  
S340969-09  
Sanitary Sewer System - New

**Priority List Rank**

604

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Marlboro Township		
Project No.:	S340268-02	Eligible Project Cost:	\$964,250
Rank:	605		
County:	Monmouth	Total State Amount:	\$964,250

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040191
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.040191

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Marlboro Township  
S340268-02  
Sanitary Sewer System - New

**Priority List Rank**

605

**County**

Monmouth

**Existing Population**

40,191

**Service Area**

The sanitary sewer system will serve the Marlboro Township Harbor Rd. Water Treatment Plant.

**Need for Project**

The sewer system is needed to provide for the ability to dispose of the process waste and domestic waste from the water treatment plant. The project will allow the process waste to enter the sanitary sewer system for disposal as opposed to the current discharge to surface water NJPDES Permit method utilized presently.

**Project Description**

The project consists of the construction of a submersible pumping station to convey process and domestic wastewater generated at the Harbor Rd., Water Treatment Plant. The work consists of the following: construction of a pre-cast wet well, valve chamber, submersible pumps, controls and associated gravity sewer and force main

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Orange Township		
Project No.:	S340865-01	Eligible Project Cost:	\$12,117,146
Rank:	606		
County:	Essex	Total State Amount:	\$12,117,146

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.03911
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.03911

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Orange Township  
S340865-01  
Sanitary Sewer System - New

**Priority List Rank**

606

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manasquan River Regional Sewerage Authority		
Project No.:	S340911-02	Eligible Project Cost:	\$4,610,126
Rank:	607		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manasquan River Regional Sewerage Authority  
S340911-02  
Sanitary Sewer System - New

**Priority List Rank**

607

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-01	Eligible Project Cost:	\$23,940,222
Rank:	608		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hopewell Township  
S340282-01  
Sanitary Sewer System - New

**Priority List Rank**

608

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-09	Eligible Project Cost:	\$951,143
Rank:	609		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Galloway Township  
S340892-09  
Sanitary Sewer System - New

**Priority List Rank**

609

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cherry Hill Township		
Project No.:	S340954-01	Eligible Project Cost:	\$1,276,427
Rank:	610		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cherry Hill Township  
S340954-01  
Sanitary Sewer System - New

**Priority List Rank**

610

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pemberton Township Municipal Utilities Authority		
Project No.:	S340649-02	Eligible Project Cost:	\$13,000,360
Rank:	611		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pemberton Township Municipal Utilities Authority  
S340649-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

611

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-04	Eligible Project Cost:	\$2,320,058
Rank:	612		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Winslow Township  
S340895-04  
Sanitary Sewer System - New

**Priority List Rank**

612

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Winslow Township		
Project No.:	S340895-05	Eligible Project Cost:	\$4,784,482
Rank:	612		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Winslow Township  
S340895-05  
Sanitary Sewer System - New

**Priority List Rank**

612

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Deptford Township Municipal Utilities Authority		
Project No.:	S340066-01	Eligible Project Cost:	\$1,677,717
Rank:	613		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Deptford Township Municipal Utilities Authority  
S340066-01  
Pump Stations

**Priority List Rank**

613

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S340946-06	Eligible Project Cost:	\$1,679,268
Rank:	614		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S340946-06  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

614

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township Municipal Utilities Authority		
Project No.:	S340903-02	Eligible Project Cost:	\$2,774,147
Rank:	615		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hamilton Township Municipal Utilities Authority  
S340903-02  
Sanitary Sewer System - New

**Priority List Rank**

615

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cliffside Park Borough		
Project No.:	S340847-05	Eligible Project Cost:	\$2,718,518
Rank:	616		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cliffside Park Borough  
S340847-05  
Sanitary Sewer System - New

**Priority List Rank**

616

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lower Township Municipal Utilities Authority		
Project No.:	S340810-05	Eligible Project Cost:	\$15,319,133
Rank:	617		
County:	Cape May	Total State Amount:	\$15,319,133

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
600	0
500	0
450	0
350	0
300	0
275	0
250	250
225	0
150	0
75	0
50	0
300	0
50	0
Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.022866

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lower Township Municipal Utilities Authority  
S340810-05  
Sanitary Sewer System - New

**Priority List Rank**

617

**County**

Cape May

**Existing Population**

22,866

**Service Area**

The proposed planning area consists of certain non-sewered areas in Lower Township, Cape May County. Refer to the Planning Document - Appendix B contains the maps and listing of streets for the project planning area. lists the individual streets included in the project planning area.

**Need for Project**

The project will eliminate individual on site waste water disposal systems which are failing due to age.

**Project Description**

Provide public sanitary sewer collection to non sewered areas of Lower Township, Cape May County NJ

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-04	Eligible Project Cost:	\$2,250,375
Rank:	618		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carteret Borough  
S340939-04  
Sanitary Sewer System - New

**Priority List Rank**

618

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Randolph Township		
Project No.:	S340632-07	Eligible Project Cost:	\$8,842,391
Rank:	619		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Randolph Township  
S340632-07  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

619

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Borough		
Project No.:	S340446-06	Eligible Project Cost:	\$2,207,442
Rank:	620		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edgewater Borough  
S340446-06  
Sanitary Sewer System - New

**Priority List Rank**

620

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Aberdeen Township		
Project No.:	S340869-02	Eligible Project Cost:	\$8,413,107
Rank:	621		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Aberdeen Township  
S340869-02  
Sanitary Sewer System - New

**Priority List Rank**

621

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montclair State University		
Project No.:	S340321-02	Eligible Project Cost:	\$6,614,815
Rank:	622		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Montclair State University  
S340321-02  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

622

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Windsor Township		
Project No.:	S340491-02	Eligible Project Cost:	\$570,013
Rank:	623		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

West Windsor Township  
S340491-02  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

623

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Glassboro Borough		
Project No.:	S340545-04	Eligible Project Cost:	\$3,968,099
Rank:	624		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Glassboro Borough  
S340545-04  
Sanitary Sewer System - New

**Priority List Rank**

624

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township		
Project No.:	S340839-03	Eligible Project Cost:	\$1,645,877
Rank:	625		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Franklin Township  
S340839-03  
Sanitary Sewer System - New

**Priority List Rank**

625

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mantua Township MUA		
Project No.:	S340514-02	Eligible Project Cost:	\$1,662,829
Rank:	626		
County:	Gloucester	Total State Amount:	\$1,662,829

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015217
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015217

**Project Name, Number**

Mantua Township MUA  
S340514-02  
Sanitary Sewer System - New

**Priority List Rank**

626

**County**

Gloucester

**Existing Population**

15,217

**Service Area**

The Township population is 15,217 residents, based on the 2010 census. The sanitary sewer collection system is owned and maintained by the Mantua Township Municipal Utilities Authority (MTMUA). Sanitary sewer generated by the Township is conveyed to the Gloucester County Utility Authority (GCUA) for treatment.

**Need for Project**

This project is being undertaken in order to protect and enhance existing sanitary sewer infrastructure within the MTMUA service area. Failing to maintain the current infrastructure will only serve to increase the risk of future service interruption. The replacement of existing sanitary sewer infrastructure will serve to protect local water quality from disturbances related to chemical leaching and accidental discharges from aging infrastructure. Overall the proposed work will enable MTMUA to keep the municipal infrastructure in good operating condition, reduce unscheduled maintenance, and improve system monitoring.

**Project Description**

The Mantua Township Municipal Utilities Authority (MTMUA) has been evaluating the water and sewer infrastructure within the Township in an effort to identify equipment and components that are aging and reaching the end of its life cycle. The Authority is looking to be proactive and has identified three (3) sanitary sewer projects that will lessen maintenance time / costs, improve safety and allow for improved system monitoring. The Barnsboro PS project consist of the construction of a new construct a gravity collection system, duplex pumping station, and force main to support existing properties along Barnsboro Road (County Route 609) and Breakneck Road (County Route 603) in Mantua Township, New Jersey. This need has been identified as a result of aging septic systems, where approximately 80% of the properties were constructed prior to 1980. The proposed pump station will be located on Block 276.01, Lot 7. The existing property is owned by Gloucester County, easements will be obtained



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sparta Township		
Project No.:	S340495-04	Eligible Project Cost:	\$2,821,542
Rank:	627		
County:	Sussex	Total State Amount:	\$2,821,542

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.015157
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.015157

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Sparta Township  
S340495-04  
Sanitary Sewer System - New

**Priority List Rank**

627

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackettstown Municipal Utilities Authority		
Project No.:	S340803-03	Eligible Project Cost:	\$641,034
Rank:	628		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackettstown Municipal Utilities Authority  
S340803-03  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

628

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Holmdel Township		
Project No.:	S340919-02	Eligible Project Cost:	\$40,665,789
Rank:	629		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Holmdel Township  
S340919-02  
Sanitary Sewer System - New

**Priority List Rank**

629

**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 Deercreek 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodland Park Borough		
Project No.:	S340778-05	Eligible Project Cost:	\$733,721
Rank:	630		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodland Park Borough  
S340778-05  
Sanitary Sewer System - New

**Priority List Rank**

630

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodland Park Borough		
Project No.:	S340203-01	Eligible Project Cost:	\$2,049,114
Rank:	630		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Woodland Park Borough  
S340203-01  
Sanitary Sewer System - New

**Priority List Rank**

630

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Waterford Township Municipal Utilities Authority		
Project No.:	S340163-01	Eligible Project Cost:	\$3,309,185
Rank:	631		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Waterford Township Municipal Utilities Authority  
S340163-01  
Sanitary Sewer System - New

**Priority List Rank**

631

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Harrison Township		
Project No.:	S340362-06	Eligible Project Cost:	\$21,330,926
Rank:	632		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Harrison Township  
S340362-06  
Water Treatment Plant/Facilities

**Priority List Rank**

632

**County**

Gloucester

**Existing Population**

8,788

**Service Area**

Harrison Township

**Need for Project**

Although the Township has an existing wastewater treatment facility it does not service the area of the proposed development requiring construction of the entirely new Richard WRF. The proposed Richwood WRF will still utilize a membrane bioreactor (MBR) for biochemical oxygen demand (BOD) and total suspended solids (TSS) removal and nitrificationdenitrification. Influent will be screened prior to entering the MBR system via two (2) parallel rotary drum screens. MBR permeate will be treated by UV disinfection and disposed of sub-surface via groundwater recharge. The new wastewater facility will be designed for a maximum month flow of 0.98 MGD although the first phase will be for a maximum month flow of 0.375 MGD.

**Project Description**

The Richwood Sewer Service Area is approved for a wastewater treatment and disposal facility of 980000 gallons per day. (Currently there are no such facilities in the Richwood Sewer Service Area.) A new treatment plant will be constructed on Township-owned property and will be owned operated and maintained by the Township once completed. The facilities as designed will have a total capacity of 690000 gallons per day (gpd) and will be built in two phases. Phase 1 of the facility is projected to cost approximately \$15250000 (\$14000000 for treatment and disposal \$1250000 for conveyance systems). Phase 2 is projected to cost approximately \$4000000 for treatment and disposal.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Runnemede Borough		
Project No.:	S340363-07	Eligible Project Cost:	\$3,415,752
Rank:	633		
County:	Camden	Total State Amount:	\$3,415,752

**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	0.008468
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.008468

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Runnemede Borough  
S340363-07  
Sanitary Sewer System - New

**Priority List Rank**

633

**County**

Camden

**Existing Population**

8,468

**Service Area**

Service area includes approximately 94 residencies in immediate proximity to Davis Road, Evergreen Road, Sunnybrook Road, and Sunset Road within the Borough of Runnemede.

**Need for Project**

The proposed sanitary sewer system is required to provide wastewater conveyance from approximately 94 residencies within the project area that currently rely on septic systems, many of which are nearing the end of their useful service lives. Improvements will primarily consist of conveyance to the existing Municipal sanitary sewer system, and ultimately to the Camden County Wastewater Treatment Plant (Delaware #1 Water Pollution Control Facility, NJ0026182) for treatment. Wastewater treatment is required to protect the health, safety, and welfare of the surrounding community.

**Project Description**

This project will consist of the construction of a new sanitary sewer system on Davis Road, Evergreen Road, Sunnybrook Road, and Sunset Road within the Borough of Runnemede. All of the properties on these roadways currently utilize septic systems and are not connected to the Municipal sanitary sewer system. Improvements shall include sanitary sewer mains, manholes, force mains, a pump station, and appurtenances. Roadway resurfacing will follow construction of the proposed sanitary sewer system.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bedminster Township		
Project No.:	S340830-01	Eligible Project Cost:	\$44,376,955
Rank:	634		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bedminster Township  
S340830-01  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

634

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newton Town		
Project No.:	S340449-04	Eligible Project Cost:	\$538,000
Rank:	635		
County:	Sussex	Total State Amount:	\$538,000

**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				25
Population				0.007997
BDA Points				0
Transit Villages				0
TOTAL POINTS				250.007997

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newton Town  
S340449-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

635

**County**

Sussex

**Existing Population**

7,997

**Service Area**

Drainage Improvements of Babe Ruth League Baseball Field located at Memory Park in the Town of Newton, County of Sussex, State of New Jersey. Existing conditions and lack of proper drainage is causing super saturated soils - subject to adverse public safety impacts.

**Need for Project**

The Town is considering use of Green Infrastructure for areas where stormwater discharge can be treated on-site. Project scope is anticipated to install grey and green infrastructure to improve the environment and safeguard public health and safety on this recreational use Municipal field.

**Project Description**

Drainage Improvements of Babe Ruth League Baseball Field located at Memory Park in the Town of Newton, County of Sussex, State of New Jersey. Existing conditions and lack of proper drainage is causing super saturated soils - subject to adverse public safety impacts. Additionally, the Town is considering use of Green Infrastructure for areas where stormwater discharge can be treated on-site. Project scope is anticipated to install grey and green infrastructure to improve the environment and safeguard public health and safety on this recreational use Municipal field.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bernardsville Borough		
Project No.:	S340816-04	Eligible Project Cost:	\$646,588
Rank:	636		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bernardsville Borough  
S340816-04  
Sanitary Sewer System - New

**Priority List Rank**

636

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May City		
Project No.:	S340258-01	Eligible Project Cost:	\$360,245
Rank:	637		
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**

637

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopewell Township		
Project No.:	S340282-02	Eligible Project Cost:	\$3,475,917
Rank:	638		
County:	Mercer	Total State Amount:	\$3,475,917

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00615
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.00615

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hopewell Township  
S340282-02  
Sanitary Sewer System - New

**Priority List Rank**

638

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem City		
Project No.:	S340235-02	Eligible Project Cost:	\$1,546,267
Rank:	639		
County:	Salem	Total State Amount:	\$1,546,267

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.005857
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.005857

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Salem City  
S340235-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

639

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-04	Eligible Project Cost:	\$12,357,700
Rank:	640		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Wildwood City  
S340664-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

640

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-02	Eligible Project Cost:	\$2,492,677
Rank:	641		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wildwood City  
S340664-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

641

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Wildwood City		
Project No.:	S340663-05	Eligible Project Cost:	\$1,800,638
Rank:	642		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Wildwood City  
S340663-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

642

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Buena Borough Municipal Utilities Authority		
Project No.:	S340518-05	Eligible Project Cost:	\$5,232,801
Rank:	643		
County:	Atlantic	Total State Amount:	\$5,232,801

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0037
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.0037

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Buena Borough Municipal Utilities Authority  
S340518-05  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

643

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Weymouth Township Municipal Utilities Authority		
Project No.:	S340078-01	Eligible Project Cost:	\$236,752
Rank:	644		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Weymouth Township Municipal Utilities Authority  
S340078-01  
Pump Stations

**Priority List Rank**

644

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Greenwich Township		
Project No.:	S340359-01	Eligible Project Cost:	\$11,199,679
Rank:	645		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Greenwich Township  
S340359-01  
Water Treatment Plant/Facilities

**Priority List Rank**

645

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County		
Project No.:	S340438-01	Eligible Project Cost:	\$15,693,192
Rank:	646		
County:	Cumberland	Total State Amount:	\$15,693,192

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.001585

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cumberland County  
S340438-01  
Sanitary Sewer System - New

**Priority List Rank**

646

**County**

Cumberland

**Existing Population**

1,585

**Service Area**

The upland buildable footprints of Money Island, Gandys Beach and Fortescue.

**Need for Project**

Existing septic systems in clusters on small lots typically with on-site wells in low-lying areas with high water tables close to the Delaware Bay and its fishing, oyster and crabbing resources.

**Project Description**

Upgrade wastewater management in the Downe Township Delaware Bayshore communities of Money Island, Gandys Beach and Fortescue. These communities currently rely on individual on-site septic systems. An initial physical step is to construct community wastewater collection systems.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County		
Project No.:	S340438-03	Eligible Project Cost:	\$15,875,000
Rank:	646		
County:	Cumberland	Total State Amount:	\$15,875,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	250
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	250

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	250.001585

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cumberland County  
S340438-03  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

646

**County**

Cumberland

**Existing Population**

1,585

**Service Area**

Fortescue and Gandy's Beach

**Need for Project**

The objective of this project is to connect homes to a collection system and centralized treatment facility that would reduce the vulnerabilities of their individual sewage systems. The community currently is not serviced by a community sewage collection and treatment system. All properties have historically had private septic systems. Due to the repeated failure of these individual septic systems resulting from flooding events, the County is now interested in proceeding to connect these homes to a piped sewage collection system with central treatment facility.

**Project Description**

Construction of wastewater treatment plan and collection system for Fortescue and Gandys Beach.to replace existng on-site individual septic systems.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Chester Borough		
Project No.:	S340876-02	Eligible Project Cost:	\$1,191,434
Rank:	647		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Chester Borough  
S340876-02  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

647

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Commercial Township		
Project No.:	S340955-01	Eligible Project Cost:	\$9,207,328
Rank:	648		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Commercial Township

S340955-01

Water Treatment Plant/Facilities

**Priority List Rank**

648

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pemberton Township Municipal Utilities Authority		
Project No.:	S340649-04	Eligible Project Cost:	\$1,232,571
Rank:	649		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Pemberton Township Municipal Utilities Authority  
S340649-04  
Sewage Treatment Plant (STP) - New

**Priority List Rank**

649

**County**

Burlington

**Existing Population**

1,210

**Service Area**

Pemberton Township

**Need for Project**

Pemberton is developing a program to correct failing septic systems to improve the communitys groundwater and surface water quality and protect residents from exposure to septage.

**Project Description**

The proposed project includes the creation of a septic management district.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Egg Harbor Township		
Project No.:	S340579-04	Eligible Project Cost:	\$1,714,000
Rank:	650		
County:	Ocean	Total State Amount:	\$1,714,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.020065
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.020065

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Egg Harbor Township  
S340579-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

650

**County**

Ocean

**Existing Population**

20,065

**Service Area**

The drainage improvements proposed impact the Mystic Island section of the Township.

**Need for Project**

The proposed work is necessary to improve the existing storm drainage infrastructure that is mostly comprised of corrugated metal pipe approximately 40 to 50 years old that is deteriorating and undersized to handle the contributing drainage flow. Water quality will be impacted through the potential reduction of sediment and other particulates that would normally accumulate in area properties and roadways after storm events and then drain into the existing collection system, which would ultimately be discharged into uncoded tributaries that feed Big Creek, a Category 1 waterbody according to NJDEP's Digital GeoWeb Data. 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 1,500 lineal feet (LF) of existing corrugated metal drainage pipe and up to 17 drainage inlets with new drainage piping and inlets. Additionally, install up to 1,000 LF of new drainage piping and multiple inlets, as well as, approximately 5,500 square feet of in kind easement restoration and roadway restoration along West and East Mullica Roads, West and East Delaware Drives, and West Mohawk Drive edge to edge once all construction is completed.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Delran Sewerage Authority		
Project No.:	S340794-06	Eligible Project Cost:	\$1,220,236
Rank:	651		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Delran Sewerage Authority  
S340794-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

651

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hopatcong Borough		
Project No.:	S340488-06	Eligible Project Cost:	\$570,013
Rank:	652		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hopatcong Borough  
S340488-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

652

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-04	Eligible Project Cost:	\$43,348
Rank:	653		
County:	Atlantic	Total State Amount:	\$43,348

**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	15
			Population	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.014791

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hammonton Town  
S340927-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

653

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hammonton Town		
Project No.:	S340927-09	Eligible Project Cost:	\$219,880
Rank:	653		
County:	Atlantic	Total State Amount:	\$219,880

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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	0.014791
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.014791

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hammonton Town  
S340927-09  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

653

**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).

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cinnaminson Township		
Project No.:	S340170-05	Eligible Project Cost:	\$647,074
Rank:	654		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cinnaminson Township

S340170-05

Stormwater Management - Gray Infrastructure

**Priority List Rank**

654

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington City		
Project No.:	S340140-01	Eligible Project Cost:	\$904,800
Rank:	655		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington City  
S340140-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

655

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Palmyra Borough		
Project No.:	S340030-02	Eligible Project Cost:	\$343,408
Rank:	656		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Palmyra Borough  
S340030-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

656

**County**

Burlington

**Existing Population**

7,091

**Service Area**

Palmyra Borough

**Need for Project**

The existing riverwall has deteriorated due to age resulting in erosion from wave action along the shore which allows top soil debris and other non-point source pollution to enter the Delaware River.

**Project Description**

The proposed project includes repairreplacement of riverwall to halt the introduction of pollutants into the Delaware River.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hightstown Borough		
Project No.:	S340915-07	Eligible Project Cost:	\$479,390
Rank:	657		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hightstown Borough  
S340915-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

657

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood City		
Project No.:	S340664-05	Eligible Project Cost:	\$15,183,000
Rank:	658		
County:	Cape May	Total State Amount:	\$15,183,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				15
Population				0.005325
BDA Points				0
Transit Villages				0
TOTAL POINTS				240.005325

**Project Name, Number**

Wildwood City  
S340664-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

658

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Tuckerton Borough		
Project No.:	S340034-04	Eligible Project Cost:	\$7,708,692
Rank:	659		
County:	Ocean	Total State Amount:	\$7,708,692

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.003371
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	240.003371

**Project Name, Number**

Tuckerton Borough  
S340034-04  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

659

**County**

Ocean

**Existing Population**

3,371

**Service Area**

The Borough of Tuckerton's Waterways including, Thompson's Creek, Tuckerton Creek , Paradise Cove Lagoons (various) and Tuckerton Beach Lagoons (various).

**Need for Project**

The water quality-based need for the project will be satisfied by the removal of excess sediment which has built up in the waterways. The contaminate soils removal will improve water quality in the creeks, lagoons and Barnegat Bay by increasing tidal flow by eliminating stagnant water and also by exposing silted over stormwater outfall pipes. In addition to the dredging, tide valves will be installed with the stormwater conveyance system to remove tidal flow from street contaminants which will also improve water quality. The tide valves will also improve clean water by providing resiliency to the sanitary sewer system from tidal flooding. Excessively high sediment loads can smother submerged aquatic vegetation, cover shellfish beds and contribute to increased levels of nutrients. Dredge material will be used for beneficial use projects.

**Project Description**

The project proposal is for the dredging and removal of sediment from within the Borough Tuckerton's waterways which will improve stormwater system outfall pipe flow and reduce stagnant water from within the Tuckerton's waterways. In addition to the dredging, tide valves will be installed within the stormwater conveyance system to improve clean water flow to the bay by removing tidal flow from street contaminants. The tide valves will also improve clean water by providing resiliency to the sanitary sewer system from tidal flooding. Excessively high sediment loads can smother submerged aquatic vegetation, cover shellfish beds and contribute to increased levels of nutrients. Dredge material will be used for beneficial use projects.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Wildwood Borough		
Project No.:	S340626-05	Eligible Project Cost:	\$1,890,000
Rank:	660		
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 - Gray Infrastructure

**Priority List Rank**

660

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-04	Eligible Project Cost:	\$11,795,031
Rank:	661		
County:	Union	Total State Amount:	\$11,795,031

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022625
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.022625

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cranford Township  
S340858-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

661

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cranford Township		
Project No.:	S340858-05	Eligible Project Cost:	\$190,491
Rank:	662		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cranford Township  
S340858-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

662

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ridgefield Park Village		
Project No.:	S340688-05	Eligible Project Cost:	\$30,211,486
Rank:	663		
County:	Bergen	Total State Amount:	\$30,211,486

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	10
			Population	0.012824
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	235.012824

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ridgefield Park Village

S340688-05

Stormwater Management - Gray Infrastructure

**Priority List Rank**

663

**County**

Bergen

**Existing Population**

12,824

**Service Area**

Bergen County Utility Authority Little Ferry Plant The Ridgefield Park Infrastructure Project consists of the development, construction, and thereafter operational management of 4 components, including a retail center, new residential units, a hotel and conference center. The project site consists of primarily of vacant land that and surplus property of the New Jersey Turnpike Authority. The land currently has limited access from the adjacent roadways. Complete access to the development will be created by the installation of \$65 Million in improvements which will provide the necessary infrastructure to the site.

**Need for Project**

All stormwater discharges are treated for water-quality in accordance with NJDEP Stormwater Regulations

**Project Description**

This is the installation of Stormwater management and Sanitary Sewer lines and ancillary work for the development of the SkyMark Center development. The Stormwater management system also carries the runoff from surrounding roadways.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-03	Eligible Project Cost:	\$289,789
Rank:	664		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Matawan Borough  
S340967-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

664

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Matawan Borough		
Project No.:	S340967-02	Eligible Project Cost:	\$4,404,418
Rank:	664		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Matawan Borough  
S340967-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

664

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Dunellen Borough		
Project No.:	S340916-03	Eligible Project Cost:	\$2,599,998
Rank:	665		
County:	Middlesex	Total State Amount:	\$2,599,998

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007227
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	235.007227

**Project Name, Number**

Dunellen Borough  
S340916-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

665

**County**

Middlesex

**Existing Population**

7,227

**Service Area**

The service area for the Supplementary Railroad Culvert is the south side of the Borough of Dunellen. The Borough of Dunellen is located in Middlesex County and is bordered by the Borough of Middlesex to the southwest, Piscataway Township to the southeast, the City of Plainfield in Union County to the northeast and Green Brook Township in Somerset County to the northwest.

**Need for Project**

The Borough of Dunellen has a prolonged history of flood related issues on the southerly side of the Borough. The Bonygut Brook, which traverses the Borough from east to west, conveys flows through the Borough of Dunellen from Piscataway Township and ultimately discharges into the Green Brook in the Borough of Middlesex. The primary cause of flooding in the Borough has been the inadequate size of the culverts along the brook that convey flows under several roadways as well as the culverts that exist under the NJ Transit Railroad embankment on the westerly side of town. The County of Middlesex is presently advancing the design and construction of several culverts along the brook; however, the flooding will persist due to the inadequacy of the aforementioned existing railroad culverts which restrict the flows leaving the Borough. This project will supplement the existing railroad culverts in an effort to improve the flood conditions on the south side of the Borough.

**Project Description**

The Supplementary Railroad Culvert project is proposed as an initial flood improvement measure to address the severe and frequent flooding in the Borough of Dunellen. The project has previously been fully designed and all necessary permits have been obtained. The project generally consists of the construction of supplementary twin 72" diameter storm drainage culverts crossing the NJTRANSIT Raritan Valley Line including reinforced concrete headwalls, a reinforced concrete junction chamber with 72" flexible flanged end check valves, the installation of a precast 12 foot by 4 foot box culvert, storm drainage improvements, excavation, backfill, grading, pavement and turf restoration, riprap slope stabilization, landscape restoration and offsite riparian mitigation plantings.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Jersey Water Supply Authority		
Project No.:	S340421-01	Eligible Project Cost:	\$56,800,000
Rank:	666		
County:	Somerset	Total State Amount:	\$56,800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	1.5
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	226.5

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

New Jersey Water Supply Authority  
S340421-01  
Non-Point Source (NPS) Pollution Controls

### Priority List Rank

666

### County

Somerset

### Existing Population

1,500,000

### Service Area

The D&R Canal extends from the Delaware River at Bulls Island to the Raritan River in New Brunswick for a distance of approximately 60 miles. The 10.5 mile segment of the Canal to be dredged is located in the Delaware and Raritan Canal State Park and the project area extends from Lincoln Highway - Route 27 (Station 1862+00) to Amwell Road (Station 2406+50) in Franklin Township, Somerset County.

### Need for Project

The purpose of this project is to improve water quality and maintain hydraulic capacity by removing accumulated sediment, aquatic vegetation growth and debris. With dredging the velocity in the canal will be reduced thereby reducing sediment resuspension and raw water turbidity. The reduced solids loading will allow for lower coagulant dosage at the water treatment plants. The in situ sediments also contain organics and their removal would help to control the total organic carbon concentration of the raw water. Removal of the submerged aquatic vegetation (SAV) will reduce disinfection byproduct precursors in the finished water of downstream users. Additionally, decaying SAV could result in anaerobic conditions with resulting taste and odors and possible dissolved metals (iron and manganese) released into the water column.

### Project Description

Remove by dredging approximately 240,000 cubic yards of sediment from a 10 mile segment of the D&R Canal between Route 27 and Amwell Road in Franklin Township, Somerset County.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Monmouth County		
Project No.:	S340788-05	Eligible Project Cost:	\$923,244
Rank:	667		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Monmouth County  
S340788-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

667

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County Municipal Utilities Authority		
Project No.:	S340640-31	Eligible Project Cost:	\$4,667,000
Rank:	668		
County:	Camden	Total State Amount:	\$4,667,000

**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				0.51
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.51

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County Municipal Utilities Authority  
S340640-31  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

668

**County**

Camden

**Existing Population**

510,000

**Service Area**

Camden County

**Need for Project**

These projects will reduce sedimentation and nutrients from entering Newton Lake from severely eroding streambanks as well as ecological benefits to these aquatic resources and stream corridors and will also reduce future dredging needs within Newton Lake.

**Project Description**

Stormwater management and ecological restoration of 1) an unnamed tributary through Sadler's Woods Conservation area and 2) a stream and ecological restoration along Peters Creek, both projects to limit the sediment deposition in Newton Lake. The project will occur in two (2) separate locations and under two (2) separate construction contracts. The ecological restoration of the unnamed tributary to Newton Creek within Saddler's Wood Conservation area will restore three unnamed tributaries totaling approximately 3,300 linear feet of stream corridor restoration, stabilize four stormwater outfalls, and repair two culvert crossings underneath a community pedestrian trail. The stream and ecological restoration along Peters Creek will restore approximately 2,100 linear feet of Peters Creek and stabilize three stormwater outfalls. The first construction project will occur at Sadler's Woods Conservation area and the second construction project will occur at Peter's Creek near the Oaklyn Coug

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County		
Project No.:	S340525-01	Eligible Project Cost:	\$792,068
Rank:	669		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County  
S340525-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

669

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County		
Project No.:	S340525-02	Eligible Project Cost:	\$1,693,221
Rank:	669		
County:	Camden	Total State Amount:	\$1,693,221

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.502824
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.502824

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County  
S340525-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

669

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden County		
Project No.:	S340525-03	Eligible Project Cost:	\$781,693
Rank:	669		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	0
50	0
Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden County  
S340525-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

669

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union County		
Project No.:	S340280-01	Eligible Project Cost:	\$5,015,073
Rank:	670		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Union County  
S340280-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

670

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington County Bridge Commission		
Project No.:	S340818-05	Eligible Project Cost:	\$5,962,475
Rank:	671		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington County Bridge Commission  
S340818-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

671

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-11	Eligible Project Cost:	\$29,876,122
Rank:	672		
County:	Essex	Total State Amount:	\$29,876,122

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 100

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-11  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

672

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County		
Project No.:	S340156-01	Eligible Project Cost:	\$1,141,988
Rank:	673		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Atlantic County  
S340156-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

673

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-20	Eligible Project Cost:	\$570,013
Rank:	674		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-20  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

674

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S340809-19	Eligible Project Cost:	\$1,522,661
Rank:	674		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S340809-19  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

674

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Toms River Township		
Project No.:	S340145-02	Eligible Project Cost:	\$1,054,062
Rank:	675		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Toms River Township  
S340145-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

675

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clifton City		
Project No.:	S340844-04	Eligible Project Cost:	\$2,337,382
Rank:	676		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Clifton City  
S340844-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

676

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middletown Township		
Project No.:	S340097-01	Eligible Project Cost:	\$3,997,392
Rank:	677		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middletown Township  
S340097-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

677

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middletown Township		
Project No.:	S340097-03	Eligible Project Cost:	\$147,540
Rank:	677		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middletown Township  
S340097-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

677

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Old Bridge Township		
Project No.:	S340945-12	Eligible Project Cost:	\$13,000,360
Rank:	678		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Old Bridge Township  
S340945-12  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

678

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-11	Eligible Project Cost:	\$1,470,871
Rank:	679		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester Township  
S340364-11  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

679

**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 provide stormwater management along a stream that frequently floods Redwood Street. This flooding not only isolates a small community in the southwest portion of the township it also causes erosion which results in downstream water quality deterioration. The project involves a significant increase in the size of the culvert crossing, revisions to the profile of the roadway in order to raise the street above the new culvert, and improvements to the channel. All permitting has been received.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-16	Eligible Project Cost:	\$581,975
Rank:	679		
County:	Camden	Total State Amount:	\$581,975

**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	0.064634
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.064634

**Project Name, Number**

Gloucester Township  
S340364-16  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

679

**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 64,628 persons and 22,890 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 proposed to repair/reconstruct failing stormwater pipes. The reconstruction of the failing stormwater pipes is anticipated to repair joints and 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 underground stormwater infrastructure piping and surface stormwater collection inlets. The purpose of this project is to replace/repair aging infrastructure.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township		
Project No.:	S340364-15	Eligible Project Cost:	\$1,369,058
Rank:	679		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester Township  
S340364-15  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

679

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield Municipal Utilities Authority		
Project No.:	S340240-06	Eligible Project Cost:	\$11,675,000
Rank:	680		
County:	Union	Total State Amount:	\$11,675,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.049808
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.049808

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield Municipal Utilities Authority  
S340240-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

680

**County**

Union

**Existing Population**

49,808

**Service Area**

City of Plainfield. Other customer communities of the facility include Linden, Fanwood, Scotch Plains, South Plainfield, North Plainfield and Green Brook.

**Need for Project**

The proposed improvements will improve the site conditions and will provide better storm water management. These activities will improve the runoff quality and will mitigate the impact on surface water.

**Project Description**

The project generally consists of the construction of Material Recovery Facility (MRF) at the existing Rock Avenue Transfer Station, owned and operated by the PMUA. The Material Recovery Facility will processes construction and demolition solid waste and segregates recyclable commodity materials from the waste stream. The commodity materials will be transferred to be recycled. The operation of the MRF will reduces the amount to waste disposed at landfills or processed at waste incinerators. The construction of the facility will redevelop an existing waste/soil pile to be part of the footprint of the MRF. The proposed improvements will improve the site conditions and will provide better storm water management. These activities will improve the runoff quality and will mitigate the impact on surface water. The project includes the construction of a building to house the solid waste processing equipment and operation, procurement and installation of the sorting equipment, truck scales



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-01	Eligible Project Cost:	\$103,278
Rank:	681		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	0
50	0
Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield City  
S340240-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

681

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-05	Eligible Project Cost:	\$60,491
Rank:	681		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield City  
S340240-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

681

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-03	Eligible Project Cost:	\$1,343,743
Rank:	681		
County:	Union	Total State Amount:	\$1,343,743

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047829
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.047829

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plainfield City  
S340240-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

681

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Municipal Utilities Authority		
Project No.:	S340838-06	Eligible Project Cost:	\$2,110,000
Rank:	682		
County:	Burlington	Total State Amount:	\$2,110,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.045538
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.045538

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Evesham Municipal Utilities Authority  
S340838-06  
Sanitary Sewer System - New

**Priority List Rank**

682

**County**

Burlington

**Existing Population**

45,538

**Service Area**

Evesham Township, Burlington County, New Jersey

**Need for Project**

Building will house equipment needed to maintain and repair the collection system.

**Project Description**

Construction of a 4,000 square foot storage building at the Elmwood Wastewater Treatment Plant. Building will house and protect equipment used by the Authority for sewer maintenance and repair.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-12	Eligible Project Cost:	\$706,150
Rank:	683		
County:	Ocean	Total State Amount:	\$706,150

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.041255
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.041255

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Township  
S340969-12  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

683

**County**

Ocean

**Existing Population**

41,255

**Service Area**

The area this project will affect is the Holiday City development, along Sunken Branch, downstream to the northern branch of Toms River, and minor benefits to Barnegat Bay.

**Need for Project**

The inverts of the culvert are failing and the supporting soils beneath are eroding. The replacement of these culverts will improve water quality by reducing stormwater turbidity, reduce sedimentation downstream and reduce suspended solids.

**Project Description**

The removal and replacement of two stormwater culverts, to reduce erosion of underlying soils and sedimentation further downstream.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Township		
Project No.:	S340969-10	Eligible Project Cost:	\$773,430
Rank:	683		
County:	Ocean	Total State Amount:	\$773,430

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.041255
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.041255

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Township  
S340969-10  
Equipment Purchase (Clean Water)

**Priority List Rank**

683

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S340943-04	Eligible Project Cost:	\$10,426,744
Rank:	684		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mount Laurel Township

S340943-04

Stormwater Management - Gray Infrastructure

**Priority List Rank**

684

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Galloway Township		
Project No.:	S340892-07	Eligible Project Cost:	\$714,452
Rank:	685		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Galloway Township  
S340892-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

685

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-08	Eligible Project Cost:	\$1,396,910
Rank:	686		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Neptune Township  
S340410-08  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

686

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-07	Eligible Project Cost:	\$5,308,104
Rank:	686		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Neptune Township  
S340410-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

686

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Neptune Township		
Project No.:	S340410-06	Eligible Project Cost:	\$708,917
Rank:	686		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Neptune Township  
S340410-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

686

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ewing Township		
Project No.:	S340397-03	Eligible Project Cost:	\$185,346
Rank:	687		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ewing Township  
S340397-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

687

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ewing Township		
Project No.:	S340397-01	Eligible Project Cost:	\$465,419
Rank:	687		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ewing Township  
S340397-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

687

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Monroe Township		
Project No.:	S340423-04	Eligible Project Cost:	\$318,067
Rank:	688		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Monroe Township  
S340423-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

688

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Marlboro Township		
Project No.:	S340268-01	Eligible Project Cost:	\$9,524,777
Rank:	689		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Marlboro Township  
S340268-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

689

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Rahway City		
Project No.:	S340546-03	Eligible Project Cost:	\$1,483,949
Rank:	690		
County:	Union	Total State Amount:	\$1,483,949

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.0265
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.0265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Rahway City  
S340546-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

690

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ocean Township		
Project No.:	S340750-04	Eligible Project Cost:	\$1,198,294
Rank:	691		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ocean Township  
S340750-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

691

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Maplewood (JMEUC) Township		
Project No.:	S340283-02	Eligible Project Cost:	\$5,479,091
Rank:	692		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Maplewood (JMEUC) Township  
S340283-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

692

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lower Township		
Project No.:	S340810-04	Eligible Project Cost:	\$3,877,572
Rank:	693		
County:	Cape May	Total State Amount:	\$3,877,572

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022866
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.022866

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lower Township  
S340810-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

693

**County**

Cape May

**Existing Population**

22,866

**Service Area**

The Bayshore Estates area on either side of Roseann Avenue is included in the service area. It is estimated that the existing contributory watershed to Roseann Avenue is over 145 acres in size.

**Need for Project**

NA

**Project Description**

The Roseann Avenue stormwater trunk line is 50 to 60 percent filled with debris, which undermines its ability to drain. Phase 1 and 2 of this project consists of replacement of the stormwater system from Clearwater in an east direction. Phase 3, the topic of this application, will complete this project with the replacement of 1,000 ft. of stormwater pipe and roadway reconstruction to Bayshore Road.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-09	Eligible Project Cost:	\$4,653,327
Rank:	694		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carteret Borough  
S340939-09  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

694

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-08	Eligible Project Cost:	\$1,396,910
Rank:	694		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Carteret Borough  
S340939-08  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

694

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Township		
Project No.:	S340346-02	Eligible Project Cost:	\$4,784,482
Rank:	695		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Medford Township  
S340346-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

695

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-03	Eligible Project Cost:	\$140,163
Rank:	696		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hazlet Township  
S340968-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

696

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hazlet Township		
Project No.:	S340968-02	Eligible Project Cost:	\$416,419
Rank:	696		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hazlet Township  
S340968-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

696

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hillside Township		
Project No.:	S340906-04	Eligible Project Cost:	\$748,257
Rank:	696		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hillside Township  
S340906-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

696

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Olive Township		
Project No.:	S340537-05	Eligible Project Cost:	\$1,266,579
Rank:	697		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mount Olive Township  
S340537-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

697

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Dumont Borough		
Project No.:	S340922-05	Eligible Project Cost:	\$4,784,482
Rank:	698		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Dumont Borough  
S340922-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

698

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S340656-10	Eligible Project Cost:	\$2,068,160
Rank:	699		
County:	Mercer	Total State Amount:	\$2,068,160

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.016265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Princeton  
S340656-10  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

699

**County**

Mercer

**Existing Population**

16,265

**Service Area**

This project will serve the population of Princeton. It will also serve the population of Montgomery Township, which is not taken into account in the above provided borrower population served by the project.

**Need for Project**

This project is a stormwater project, which will potentially improve the water quality of the adjacent stream, Cherry Run.

**Project Description**

Princeton and Montgomery Twp are jointly proposing stormwater improvements on a 2,400' section of Cherry Valley Road from west of Cherry Hill Road to the Mercer County Bridge. The existing roadway drainage system consists of undersized roadside ditches, which pose hazards to the motorists and significant barriers to pedestrians. Two existing outfalls carry stormwater under Cherry Valley Road to Cherry Run stream located on the south side of the road. The outfalls lack proper outlet protection to reduce the exit velocity. A new drainage system will replace the roadside ditches and safely convey stormwater to Cherry Run utilizing existing outfall locations. New outlet protections are proposed for the outfalls. A new manufactured treatment device is proposed for water quality purposes. In addition, roadway improvements will include widening the pavement from 20' to 34'; new curbing on both sides; new retaining walls; and new 6' wide porous asphalt walking path on south side of the road.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-03	Eligible Project Cost:	\$500,308
Rank:	700		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Heights Township  
S340385-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

700

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highland Park Borough		
Project No.:	S340938-02	Eligible Project Cost:	\$479,390
Rank:	701		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Highland Park Borough  
S340938-02

Stormwater Management - Gray Infrastructure

**Priority List Rank**

701

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berkeley Heights Township		
Project No.:	S340385-06	Eligible Project Cost:	\$25,500,000
Rank:	702		
County:	Union	Total State Amount:	\$25,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013183
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.013183

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berkeley Heights Township  
S340385-06  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

702

**County**

Union

**Existing Population**

13,183

**Service Area**

The project area consists entirely of residential neighborhoods, connected with both municipal and County roadways.

**Need for Project**

Constructing the proposed stormwater improvements would provide a drainage network that can accommodate a 25-year design storm. This would ensure that all stormwater within the subject 140-acres study area would be safely conveyed within the streams and pipes, as opposed to running overland, eroding acres of properties along the way. This would therefore reduce the soil deposition and thereby enhance the water quality of the Forest Avenue Brook and Passaic River.

**Project Description**

The West Side Drainage Project was conceived to address flooding conditions that are experienced in several residential neighborhoods. Approximately 140 acres of the Township drain to one reach of the Forest Avenue Brook through a combination of piped and open channel conveyances. The drainage systems have a variety of deficiencies and problems which result in significant overland flooding, which adversely affects private properties and public rights-of-way. Additionally, all of the uncontrolled overland flow promotes significant soil erosion and sediment transport into the various creeks and streams, eventually into the Forest Avenue Brook, and ultimately into the Passaic River. Continued erosion and sediment deposition lead to increased turbidity within the downstream receiving watercourses.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ringwood Borough		
Project No.:	S340157-01	Eligible Project Cost:	\$465,419
Rank:	703		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ringwood Borough  
S340157-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

703

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Providence Borough		
Project No.:	S340474-01	Eligible Project Cost:	\$180,000
Rank:	704		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

New Providence Borough  
S340474-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

704

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hasbrouck Heights Borough		
Project No.:	S340329-02	Eligible Project Cost:	\$6,614,815
Rank:	705		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hasbrouck Heights Borough  
S340329-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

705

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Beachwood Borough		
Project No.:	S340208-01	Eligible Project Cost:	\$416,419
Rank:	706		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Beachwood Borough  
S340208-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

706

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Waterford Township		
Project No.:	S340163-02	Eligible Project Cost:	\$500,308
Rank:	707		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Waterford Township  
S340163-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

707

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-06	Eligible Project Cost:	\$1,163,975
Rank:	708		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Falls Township  
S340716-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

708

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Little Falls Township		
Project No.:	S340716-05	Eligible Project Cost:	\$1,235,996
Rank:	708		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Little Falls Township  
S340716-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

708

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-03	Eligible Project Cost:	\$1,122,734
Rank:	709		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somers Point City  
S340618-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

709

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-04	Eligible Project Cost:	\$1,054,749
Rank:	709		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somers Point City  
S340618-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

709

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somers Point City		
Project No.:	S340618-02	Eligible Project Cost:	\$5,203,507
Rank:	709		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Somers Point City  
S340618-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

709

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Holly Township		
Project No.:	S340817-05	Eligible Project Cost:	\$169,048
Rank:	710		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mount Holly Township  
S340817-05  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

710

**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 alga and plants knocking out the ecosystem.

**Project Description**

The project includes restoration of Upper Buttonwood and Wolman Lakes.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ventnor City		
Project No.:	S340667-03	Eligible Project Cost:	\$1,396,554
Rank:	711		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Ventnor City  
S340667-03  
Non-Point Source (NPS) Pollution Controls

### Priority List Rank

711

### 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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Keansburg Borough		
Project No.:	S340118-03	Eligible Project Cost:	\$1,847,907
Rank:	712		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Keansburg Borough  
S340118-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

712

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-07	Eligible Project Cost:	\$999,476
Rank:	713		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Brigantine City  
S340827-07  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

713

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-05	Eligible Project Cost:	\$4,420,173
Rank:	713		
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**

713

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brigantine City		
Project No.:	S340827-06	Eligible Project Cost:	\$873,263
Rank:	713		
County:	Atlantic	Total State Amount:	\$873,263

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00945
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00945

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brigantine City  
S340827-06  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

713

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	River Vale Township		
Project No.:	S340188-01	Eligible Project Cost:	\$1,191,434
Rank:	714		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	225
150	0
75	0
50	0
300	0
50	0
Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

River Vale Township  
S340188-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

714

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millstone Township		
Project No.:	S340126-01	Eligible Project Cost:	\$360,245
Rank:	715		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Millstone Township  
S340126-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

715

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Byram Township		
Project No.:	S340569-03	Eligible Project Cost:	\$218,940
Rank:	716		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Byram Township  
S340569-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

716

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Byram Township		
Project No.:	S340569-04	Eligible Project Cost:	\$186,919
Rank:	716		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Byram Township  
S340569-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

716

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Northfield City		
Project No.:	S340508-02	Eligible Project Cost:	\$150,000
Rank:	717		
County:	Atlantic	Total State Amount:	\$150,000

**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				0.008624
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.008624

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Northfield City  
S340508-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

717

**County**

Atlantic

**Existing Population**

8,624

**Service Area**

Both pieces of equipment will be used throughout the entirety of the City of Northfield and will benefit all residents and businesses equally.

**Need for Project**

Currently the Municipality does not have the manpower to efficiently maintain the storm water and sanitary sewer systems with the available equipment, nor in a timely manner. This purchase will help the Municipality in maintaining the storm water and sanitary sewer systems more efficiently and preventing inflow and infiltration, and will ensure compliance with the the NJDEP's MSRP rules and regulations.

**Project Description**

The City of Northfield has more than 40 miles of municipal roadways. Under current conditions, the Public Works Department staff utilizes two pieces of equipment (water jetter and vacuum) plus two trucks and 4 employees to clean the storm water system, which requires approximately 32 man hours to clean approximately 500' of storm pipe. With the proposed purchase of a complete system it will take one piece of equipment and 8 man hours to perform the same task.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Park Township		
Project No.:	S340166-01	Eligible Project Cost:	\$2,049,114
Rank:	718		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edgewater Park Township  
S340166-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

718

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Boonton Town		
Project No.:	S340265-01	Eligible Project Cost:	\$360,245
Rank:	719		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Boonton Town  
S340265-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

719

**County**

Morris

**Existing Population**

8,347

**Service Area**

Town of Boonton

**Need for Project**

The Towns existing storm sewer system is undersized resulting in flooding and the discharge of debris to the Rockaway River.

**Project Description**

The proposed project is to improve stormwater collection on Wotton Oak and Hillside streets. Stormwater from these areas would then be piped to the existing system on Hillside. Improvements would include inlets subdrains stormwater piping curbing and roadway reconstruction.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Spotswood Borough		
Project No.:	S340510-01	Eligible Project Cost:	\$2,164,568
Rank:	720		
County:	Middlesex	Total State Amount:	\$2,164,568

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.008257
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.008257

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Spotswood Borough  
S340510-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

720

**County**

Middlesex

**Existing Population**

8,257

**Service Area**

Brookwood Road, Landvale Road, Woodland Road, Brookside Road and Red Bank Road

**Need for Project**

The Borough's proposal is to repair and/or upgrade the sanitary sewer collection system, have a storm sewer system installed and to install a new roadway pavement with concrete curbs.

**Project Description**

The project consists of stormwater management collection system improvements, sanitary sewer collection system improvements, installation of curb, roadway widening and reconstruction for the Cottage Streets Area in Spotswood, New Jersey.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-02	Eligible Project Cost:	\$430,399
Rank:	721		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bogota Borough  
S340914-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

721

**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 Borough's 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bogota Borough		
Project No.:	S340914-03	Eligible Project Cost:	\$6,614,815
Rank:	721		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bogota Borough  
S340914-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

721

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Richard Stockton College		
Project No.:	S340146-04	Eligible Project Cost:	\$1,201,038
Rank:	722		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Richard Stockton College  
S340146-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

722

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wood-Ridge Borough		
Project No.:	S340239-01	Eligible Project Cost:	\$646,771
Rank:	723		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wood-Ridge Borough  
S340239-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

723

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Keyport Borough		
Project No.:	S340267-01	Eligible Project Cost:	\$360,245
Rank:	724		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Keyport Borough  
S340267-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

724

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cresskill Borough		
Project No.:	S340374-01	Eligible Project Cost:	\$444,422
Rank:	725		
County:	Bergen	Total State Amount:	\$444,422

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.00756
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.00756

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cresskill Borough  
S340374-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

725

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Westampton Township		
Project No.:	S340105-01	Eligible Project Cost:	\$289,789
Rank:	726		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Westampton Township  
S340105-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

726

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linwood City		
Project No.:	S340217-01	Eligible Project Cost:	\$937,026
Rank:	727		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Linwood City  
S340217-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

727

**County**

Atlantic

**Existing Population**

7,172

**Service Area**

City of Linwood

**Need for Project**

Over time sediment and suspended solids discharge into water bodies lead to the water body becoming shallow. When this occurs it has negative affects on the health of the water body by leaving it susceptible to algae growth which effects other species of the plant and animal life in the water body. The proposed project is essential to the long term future health of three ponds which in turn has a positive net impact on the health and well being of the general public specifically to those residents and business in the immediate vicinity of the ponds one of which is located partially on a school site.

**Project Description**

This water quality project includes the construction and installation of storm water sediment removal devices upstream of six outfall structures at the three different ponds in the City of Linwood. The filters will remove sediment and suspended solids from stormwater runoff prior to it entering the water bodies. The project is designed and will be built in accordance with current New Jersey Storm water Regulations. The intent of the project is to eliminate sediment and suspended solids from entering the ponds from the City streets. The project will also include the retrofitting and or reconstruction of all storm water catch basinsinlets (which ultimately discharge to the ponds) to meet current NJ stormwater regulations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Paulsboro Borough		
Project No.:	S340164-01	Eligible Project Cost:	\$2,236,978
Rank:	728		
County:	Gloucester	Total State Amount:	\$2,236,978

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.006097
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.006097

**Project Name, Number**

Paulsboro Borough  
S340164-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

728

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Belmar Borough		
Project No.:	S340209-03	Eligible Project Cost:	\$94,425
Rank:	729		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Belmar Borough  
S340209-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

729

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berlin Borough		
Project No.:	S340131-04	Eligible Project Cost:	\$458,804
Rank:	730		
County:	Camden	Total State Amount:	\$458,804

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.005672
BDA Points				0
Transit Villages				0
TOTAL POINTS				225.005672

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berlin Borough  
S340131-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

730

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berlin Borough		
Project No.:	S340131-03	Eligible Project Cost:	\$108,917
Rank:	730		
County:	Camden	Total State Amount:	\$108,917

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Berlin Borough  
S340131-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

730

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Berlin Township		
Project No.:	S340790-03	Eligible Project Cost:	\$1,317,721
Rank:	731		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Berlin Township  
S340790-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

731

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerdale Borough		
Project No.:	S340338-03	Eligible Project Cost:	\$1,331,729
Rank:	732		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerdale Borough  
S340338-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

732

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Englewood Cliffs Borough		
Project No.:	S340169-01	Eligible Project Cost:	\$430,399
Rank:	733		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Englewood Cliffs Borough  
S340169-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

733

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-03	Eligible Project Cost:	\$4,299,487
Rank:	734		
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 - Gray Infrastructure

**Priority List Rank**

734

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highlands Borough		
Project No.:	S340901-04	Eligible Project Cost:	\$781,697
Rank:	734		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Highlands Borough  
S340901-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

734

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Borough		
Project No.:	S340446-07	Eligible Project Cost:	\$2,718,518
Rank:	734		
County:	Bergen	Total State Amount:	\$2,718,518

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.005001
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.005001

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edgewater Borough  
S340446-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

734

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-01	Eligible Project Cost:	\$318,067
Rank:	735		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mendham Borough  
S340159-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

735

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Borough		
Project No.:	S340159-02	Eligible Project Cost:	\$193,346
Rank:	735		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mendham Borough  
S340159-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

735

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Roseland Borough		
Project No.:	S340361-02	Eligible Project Cost:	\$1,396,910
Rank:	736		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Roseland Borough  
S340361-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

736

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Arlington Borough		
Project No.:	S340451-04	Eligible Project Cost:	\$134,261
Rank:	737		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Mount Arlington Borough  
S340451-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

737

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Egg Harbor Township		
Project No.:	S340856-01	Eligible Project Cost:	\$2,643,901
Rank:	738		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Egg Harbor Township  
S340856-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

738

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Magnolia Borough		
Project No.:	S340285-03	Eligible Project Cost:	\$455,626
Rank:	739		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Magnolia Borough  
S340285-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

739

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Magnolia Borough		
Project No.:	S340285-04	Eligible Project Cost:	\$159,031
Rank:	740		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Magnolia Borough  
S340285-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

740

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bradley Beach Borough		
Project No.:	S340472-02	Eligible Project Cost:	\$537,008
Rank:	741		
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**

741

**County**

Monmouth

**Existing Population**

4,298

**Service Area**

Sanitary improvements are proposed along Evergreen, Monmouth, Burlington, Pacific, Madison Avenues including portion of Bradley Boulevard. Stormwater improvements will include all 10 outfall into Sylvan Lake at the following intersections with Bradley Boulevard: Main Street, Pacific Avenue, Atlantic Avenue, Madison Avenue and Monmouth Avenue.

**Need for Project**

The Borough of Bradley Beach is requesting funding through the New Jersey Environmental Infrastructure Trust Finance Program (Trust) Clean Water State Revolving Fund for the State Fiscal Year 2016 loan program to improve its aged stormwater and sanitary infrastructure.

**Project Description**

The Borough is currently operating an aged sewer collection system and stormwater system constructed in the early 1900's. It is the Borough's desire to rehabilitate their infrastructure systems over time as funding is available. It is the intent of this application to address about 15% of the sanitary sewer system and approximately 90% of the stormwater infrastructure system to Sylvan Lake. It will address the stormwater sewer system along Bradley Boulevard as follows: - Replace 1,700 feet of storm drain with 18 inch diameter Reinforced Concrete Pipe - Replace 30 drainage inlets - Replace 14 drainage Manholes

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Medford Lakes Borough		
Project No.:	S340319-02	Eligible Project Cost:	\$360,245
Rank:	742		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Medford Lakes Borough

S340319-02

Stormwater Management - Gray Infrastructure

**Priority List Rank**

742

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-01	Eligible Project Cost:	\$110,655
Rank:	743		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bethlehem Township  
S340210-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

743

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bethlehem Township		
Project No.:	S340210-02	Eligible Project Cost:	\$402,413
Rank:	743		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bethlehem Township  
S340210-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

743

**County**

Hunterdon

**Existing Population**

3,820

**Service Area**

Bethlehem Township

**Need for Project**

The NJDEP has mandated that all discharges of equipment and vehicle wash wastewater from maintenance yard operations be eliminated by 022909. Under the current procedures the wastewater is discharged to the ground surface and enters nearby streamsgroundwater. The facility will capture all water used in the cleaning of equipment and vehicles for proper disposal which will greatly improve the water quality in the area.

**Project Description**

Construction of a facility designed to collect equipment and vehicle wash wastewater from maintenance yard operations. Bethlehem Township is coordinating construction of the facility with the local New Jersey Department of Transportation maintenance yard located on State Highway Route 173 in order to share services and reduce costs.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-03	Eligible Project Cost:	\$6,863,603
Rank:	744		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

High Bridge Borough  
S340842-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

744

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	High Bridge Borough		
Project No.:	S340842-02	Eligible Project Cost:	\$162,326
Rank:	744		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

High Bridge Borough  
S340842-02  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

744

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stanhope Borough		
Project No.:	S340504-03	Eligible Project Cost:	\$147,540
Rank:	745		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stanhope Borough  
S340504-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

745

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamburg Borough		
Project No.:	S340149-02	Eligible Project Cost:	\$570,013
Rank:	746		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Hamburg Borough  
S340149-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

746

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lawnside Borough		
Project No.:	S340263-01	Eligible Project Cost:	\$193,346
Rank:	747		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lawnside Borough  
S340263-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

747

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lavallette Borough		
Project No.:	S340966-04	Eligible Project Cost:	\$405,216
Rank:	748		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lavallette Borough  
S340966-04  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

748

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Riverdale Borough		
Project No.:	S340729-02	Eligible Project Cost:	\$289,789
Rank:	749		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Riverdale Borough  
S340729-02  
Equipment Purchase (Clean Water)

**Priority List Rank**

749

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Liberty Township		
Project No.:	S340165-01	Eligible Project Cost:	\$148,979
Rank:	749		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Liberty Township  
S340165-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

749

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Avon By The Sea Borough		
Project No.:	S340335-02	Eligible Project Cost:	\$360,245
Rank:	750		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Avon By The Sea Borough  
S340335-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

750

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pine Beach Borough		
Project No.:	S340248-01	Eligible Project Cost:	\$293,500
Rank:	751		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Pine Beach Borough  
S340248-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

751

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Avon By The Sea Borough		
Project No.:	S340335-03	Eligible Project Cost:	\$12,488,850
Rank:	752		
County:	Monmouth	Total State Amount:	\$12,488,850

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001901
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001901

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Avon By The Sea Borough  
S340335-03  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

752

**County**

Monmouth

**Existing Population**

1,901

**Service Area**

Sylvan Lake is a coastal lake located between Avon-by-the-Sea and Bradley Beach. The Lake is fed by a small unnamed tributary to the northwest and thirty stormwater outfalls from a highly urbanized watershed that includes both residential and highway/commercial land uses spanning the municipalities of Avon-by-the-Sea, Bradley Beach, Neptune City and Neptune Township. Stormwater is then temporarily detained in the lake prior to directly discharging into the Atlantic Ocean just offshore of Avon's bathing beaches.

**Need for Project**

The proposed rehabilitation of the Sylvan Lake Stormwater Management capacity and infrastructure will address known water quality problems within the lake and ultimately, the proximate Atlantic Ocean bathing beaches. Presently, the lake is subject to pathogen contamination, algal blooms, aquatic weed overgrowth and eutrophication that are primarily related to inputs of stormwater and runoff from the surrounding watershed. These contaminated waters chronically persist, and the contaminated waters are continuously discharged to the Atlantic Ocean via an ocean outfall that discharges onto the bathing beach areas. The discharges are acutely worse during rainfall events when the lake discharges to the ocean at increased rates. Lastly, the outfall structure is structurally compromised, causing leakage of the contaminated lake water into the beach groundwater and limiting the ability of local authorities to control the discharge during storm events.

**Project Description**

The Sylvan Lake Water Quality Project aims to increase the lake's capacity to store stormwater. In order to do this, dredging of the lake is required. In addition, the proposed project will address known water quality issues within the lake that result from stormwater runoff from the surrounding watershed. Also, the outfall structure that discharges this water to the Atlantic Ocean is structurally compromised and needs replacement.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wyckoff Township		
Project No.:	S340738-04	Eligible Project Cost:	\$535,216
Rank:	752		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Wyckoff Township  
S340738-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

752

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sea Bright Borough		
Project No.:	S340077-01	Eligible Project Cost:	\$3,774,303
Rank:	753		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sea Bright Borough  
S340077-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

753

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Downe Township		
Project No.:	S340438-02	Eligible Project Cost:	\$16,395,206
Rank:	754		
County:	Cumberland	Total State Amount:	\$16,395,206

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	225
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	225

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001585
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	225.001585

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Downe Township  
S340438-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

754

**County**

Cumberland

**Existing Population**

1,585

**Service Area**

Downe Township

**Need for Project**

The health safety and welfare of the residents are in jeopardy due to deterioration of existing bulkheads and stormwater management measures that have been damaged from recent and significant storm event.

**Project Description**

The project includes bulkhead repair beach replenishment and jetty construction.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hampton Borough		
Project No.:	S340481-01	Eligible Project Cost:	\$97,500
Rank:	755		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hampton Borough  
S340481-01  
Equipment Purchase (Clean Water)

**Priority List Rank**

755

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Avalon Borough		
Project No.:	S340864-02	Eligible Project Cost:	\$3,217,620
Rank:	756		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Avalon Borough  
S340864-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

756

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-01	Eligible Project Cost:	\$1,219,513
Rank:	757		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Teterboro Borough  
S340339-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

757

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Hudson Sewer Authority		
Project No.:	S340952-36	Eligible Project Cost:	\$888,000
Rank:	758		
County:	Hudson	Total State Amount:	\$888,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		0

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				150
State Planning Commission				50
Population				2.27584
BDA Points				0
Transit Villages				0
TOTAL POINTS				202.27584

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Hudson Sewer Authority  
S340952-36  
Equipment Purchase (Clean Water)

**Priority List Rank**

758

**County**

Hudson

**Existing Population**

2,275,840

**Service Area**

The combined population of Hoboken, West New York, Union City and Weehawken

**Need for Project**

This equipment is needed to ensure proper maintenance of the combined sewer system.

**Project Description**

This project includes the purchase of two key equipment for service of the NHSA collection system. The first is a new CCTV truck with all necessary equipment, mounted for operator use, including operator control and monitoring station. The second purchase is a new combination sewer system cleaner truck - that would have capability of vacuuming and flushing underground sewer.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middlesex County Utilities Authority		
Project No.:	S342012-02	Eligible Project Cost:	\$4,915,537
Rank:	759		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Middlesex County Utilities Authority  
S342012-02  
Well Sealing

**Priority List Rank**

759

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-23	Eligible Project Cost:	\$27,315,736
Rank:	760		
County:	Essex	Total State Amount:	\$27,315,736

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 100

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.27714

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-23  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

760

**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 warehouseindustrial facility that includes two (2) buildings of 705000 square feet and 105775 square feet with 20000 square feet of office space and 5000 square feet of office space respectively. The project site is currently a vacant former industrial site from which the structures have been removed. Piersons Creek bisects the project site which is to be enhanced and improved. It is anticipated the project will be occupied by a combination of warehouse distribution and industrial uses.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Newark City		
Project No.:	S340815-15	Eligible Project Cost:	\$16,123,721
Rank:	760		
County:	Essex	Total State Amount:	\$16,123,721

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 100

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.27714
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.27714

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Newark City  
S340815-15  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

760

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City		
Project No.:	S343069-01	Eligible Project Cost:	\$13,000,360
Rank:	761		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City  
S343069-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

761

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-01	Eligible Project Cost:	\$954,929
Rank:	762		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cape May County Municipal Utilities Authority  
S342017-01  
Landfill Closure

**Priority List Rank**

762

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-05	Eligible Project Cost:	\$6,614,815
Rank:	763		
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

STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden City  
S340366-05  
Well Sealing

**Priority List Rank**

763

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S342009-01	Eligible Project Cost:	\$3,941,003
Rank:	764		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S342009-01  
Landfill Closure

**Priority List Rank**

764

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hoboken City		
Project No.:	S343078-01	Eligible Project Cost:	\$4,922,087
Rank:	765		
County:	Hudson	Total State Amount:	\$4,922,087

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.038577
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.038577

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hoboken City  
S343078-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

765

**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 stormwater sewer 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 sewer stormwater management system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Secaucus Town		
Project No.:	S342021-01	Eligible Project Cost:	\$21,189,858
Rank:	766		
County:	Hudson	Total State Amount:	\$21,189,858

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				50
Population				0.016264
BDA Points				0
Transit Villages				0
TOTAL POINTS				200.016264

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Secaucus Town  
S342021-01  
Landfill Closure

**Priority List Rank**

766

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clinton Town		
Project No.:	S340924-07	Eligible Project Cost:	\$800,000
Rank:	767		
County:	Hunterdon	Total State Amount:	\$800,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	200

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.002719
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	200.002719

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clinton Town  
S340924-07  
Water Efficiency / Water Meters

**Priority List Rank**

767

**County**

Hunterdon

**Existing Population**

2,719

**Service Area**

This is a system-wide replacement project that covers sections of Clinton Town, Lebanon Borough, Clinton Township, Franklin Township and Union Township.

**Need for Project**

Installation of these meters will increase the level of accuracy on the quantities measured for billing. It is anticipated that the existing aged meters at these locations are not fully capturing actual usage by the customer. In turn, the new meters will yield more accurate reading, which will impose water conservation measures by each customer, and a decrease in waste water returns.

**Project Description**

Pursuant to the Capital Improvement Plan derived from the Asset Management Plan (AMP) for the system, the Town of Clinton is continuing efforts to implement the AMP to resume the conversion of customer service meters to radio read in order to improve billing accuracy, further reduce the percentage of non-revenue water in the water system and in part minimize the wastewater return to the sanitary sewer collection system. Approximately 750 meters remain for replacement. The preferred course of action would be for the procurement of the meters to be through the co-op and advertise publicly for the installation of the meters. The preparation of the asset management plan, evaluation of the system wide meter inventory and incorporating these assets in GIS as well as ongoing analysis of financing options and rate analysis are part of the extensive planning efforts to identify the scope and priority of this capital improvement project.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Stafford Township		
Project No.:	S343076-01	Eligible Project Cost:	\$6,683,353
Rank:	768		
County:	Ocean	Total State Amount:	\$6,683,353

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.022532
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	175.022532

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Stafford Township  
S343076-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

768

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Princeton		
Project No.:	S343008-01	Eligible Project Cost:	\$4,653,327
Rank:	769		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Princeton  
S343008-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

769

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Wildwood Crest Borough		
Project No.:	S343041-01	Eligible Project Cost:	\$3,997,392
Rank:	770		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Wildwood Crest Borough  
S343041-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

770

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township		
Project No.:	S342018-01	Eligible Project Cost:	\$14,226,449
Rank:	771		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township  
S342018-01  
Landfill Closure

**Priority List Rank**

771

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Seaside Park Borough		
Project No.:	S340083-03	Eligible Project Cost:	\$103,000
Rank:	772		
County:	Ocean	Total State Amount:	\$103,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.0081
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	165.0081

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Seaside Park Borough  
S340083-03  
Well Sealing

**Priority List Rank**

772

**County**

Ocean

**Existing Population**

8,100

**Service Area**

Project will protect the water supply for the entirety of the Borough.

**Need for Project**

Sealing of the well is required as a condition of the Water Allocation Permit.

**Project Description**

This project is intended to permanently seal the Borough's Well #7. This well has been out of service and per state regulations is required to be sealed.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Buena Vista Township		
Project No.:	S342023-01	Eligible Project Cost:	\$23,530,000
Rank:	773		
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**

773

**County**

Atlantic

**Existing Population**

7,570

**Service Area**

Former Buena Vista Solid Waste Landfill ceased operation between 1979 and 1982; is now currently known as Buena Vista Township Department of Public Works bounded by agricultural land (farm fields) on the North and West, by a residential property to the South, and Union Road to the East. On the other side of Union is agricultural land with a residence and other out buildings. The nearest residence is adjacent to the Buena Vista Township Public works Yard. There are 31 impacted wells located to the south and southwest and down gradient of the Buena Vista Public Works Yard. The affected homes/wells are being provided with point of entry treatment systems (POETS) through the NJDEP Spill Fund. The highest level of contamination occurs on the southwest corner of the Public Works yard created by commercial agricultural activities (cultivation of produce for human consumption)

**Need for Project**

Task 1: Project Planning \$30,000 detailed review of project files, site inspections, meetings with client and regulatory agencies and development of a conceptual model that will assist in understanding the project details and become the basis for the required remedial investigation; Task 2: Ground Water Investigation \$235,000 Monitoring Well Installation, traffic control, road opening, cost for sampling the monitoring well network twice, and associated data management; Task 3 Landfill investigation \$100,000; Task 4 Prepare Remedial Investigation report and action plan \$50,000; Task 5 Preparation for Landfill closure \$60,000; Task 6 Project Management \$40,000; Task 7-9 Implement ground remediation, construct recommended landfill closure plan, submit remedial action report \$40,000; Task 10 submission post closure plan report and file deed notice \$40,000 Task 11 Long term monitoring of well. Task 8,11 will be developed at a later date based on the findings of prior tasks.

**Project Description**

In a letter dated September 24, 2015, the New Jersey Department of Environmental Protection's (NJDEP) Site Remediation Program notified Buena Vista Township that the NJDEP has documented the release of hazardous substances at the former Buena Vista Solid Waste landfill, which ceased operations between 1977 and 1982. The property is currently the Township's Public Works Yard. The NJDEP conducted a ground water investigation at the former Buena Vista landfill and the ground water sample results showed that contamination was present on site. Based on this, the NJDEP stated that Buena Vista Township may have responsibility under the New Jersey Spill Compensation and Control Act for the investigation and remediation of contamination at the subject site. The Township was required to retain a License Site Remediation Professional (LSRP) and conduct the required remedial investigation and remedial action for landfill closure and groundwater contamination.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340928-26	Eligible Project Cost:	\$12,326,308
Rank:	774		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Redevelopment Agency  
S340928-26  
Sanitary Sewer System - New

**Priority List Rank**

774

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Redevelopment Agency		
Project No.:	S340928-25	Eligible Project Cost:	\$5,647,345
Rank:	774		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Redevelopment Agency  
S340928-25  
Sanitary Sewer System - New

**Priority List Rank**

774

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340094-01	Eligible Project Cost:	\$6,614,815
Rank:	775		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hudson County Improvement Authority  
S340094-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

775

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bellmawr Borough		
Project No.:	S342011-02	Eligible Project Cost:	\$66,350,623
Rank:	776		
County:	Camden	Total State Amount:	\$66,350,623

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
Subtotal		150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.011583
BDA Points				10
Transit Villages				0
TOTAL POINTS				160.011583

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bellmawr Borough  
S342011-02  
Landfill Closure

**Priority List Rank**

776

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-03	Eligible Project Cost:	\$18,954,010
Rank:	777		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Cumberland County Improvement Authority  
S342015-03  
Landfill Construction

**Priority List Rank**

777

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mercer County		
Project No.:	S343004-03	Eligible Project Cost:	\$1,122,734
Rank:	778		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mercer County  
S343004-03  
Open Space Land Acquisition and Conservation

**Priority List Rank**

778

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-01	Eligible Project Cost:	\$1,388,163
Rank:	779		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

779

**County**

Gloucester

**Existing Population**

275,000

**Service Area**

Gloucester County

**Need for Project**

The planned improvements will protect ground water by ensuring that landfill leachate is removed from the landfill in a timely manner and transported for disposal through a secure conveyance system.

**Project Description**

The proposed project includes the rehabilitation of six leachate lift stations and the replacement of approximately 1300 feet of single wall leachate force main with double wall pipe. Included will be new pumps electrical instrumentation and other appurtenances.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S342001-03	Eligible Project Cost:	\$36,042,396
Rank:	780		
County:	Atlantic	Total State Amount:	\$36,042,396

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.265429
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.265429

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic County Utilities Authority  
S342001-03  
Landfill Construction

**Priority List Rank**

780

**County**

Atlantic

**Existing Population**

265,429

**Service Area**

The Atlantic County Utilities Authority Landfill receives all solid waste generated within the 23 municipalities of Atlantic County. Atlantic County is approximately 672 square miles in area. Note: The population data provided is an estimate for 2018.

**Need for Project**

The Atlantic County Utilities Authority (ACUA) Landfill is a doubled-lined landfill. All leachate generated from the landfill is monitored and pumped into the ACUA's wastewater collection system. The wastewater then flows to ACUA's Wastewater Treatment Plant in Atlantic City. Disposal of solid waste within lined landfills is required by law in New Jersey. Disposal of waste in unlined landfills is a direct threat to groundwater resources, therefore appropriate disposal is achieved through this project.

**Project Description**

In an effort to maximize the existing permitted capacity of the ACUA landfill, the ACUA has planned to construct a mechanically stabilized earth (MSE) berm around a portion of the perimeter of the landfill. Construction of the MSE berm will allow Atlantic County residents and businesses to continue to dispose of waste within Atlantic County. Construction of Phase 1 of the MSE berm, which was funded by the ACUA, is currently nearing completion. The ACUA is now seeking funding through the I-Bank for the construction of Phases 2 and 3. Phase 2 includes the construction of approx. 1,825 linear feet of MSE Berm and also includes modifications to an existing on-site stormwater basin. Phase 3 includes the construction of approx. 2,250 linear feet of MSE Berm. The ACUA has retained the services of an engineering consulting firm, ARM Group Inc., to provide engineering design services for the proposed construction of Phases 2 and 3 of the MSE Berm.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S343074-01	Eligible Project Cost:	\$2,049,114
Rank:	781		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S343074-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

781

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic County Utilities Authority		
Project No.:	S342001-02	Eligible Project Cost:	\$5,962,475
Rank:	782		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Atlantic County Utilities Authority  
S342001-02  
Landfill Closure

**Priority List Rank**

782

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Passaic Valley Water Commission		
Project No.:	S342014-01	Eligible Project Cost:	\$1,645,877
Rank:	783		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Passaic Valley Water Commission  
S342014-01  
Landfill Closure

**Priority List Rank**

783

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-04	Eligible Project Cost:	\$7,403,160
Rank:	784		
County:	Sussex	Total State Amount:	\$7,403,160

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.149265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.149265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-04  
Sanitary Sewer System - New

**Priority List Rank**

784

**County**

Sussex

**Existing Population**

149,265

**Service Area**

N/A - only involves leachate and sanitary flow from SCMUA Solid Waste facility

**Need for Project**

Provide for long-term transmission of leachate for treatment at the SCMUA Upper Wallkill WPCF

**Project Description**

This project includes a pumping station and force main to convey landfill leachate to the Upper Wallkill Water Pollution Control Facility (WPCF) rather than continuing the practice of trucking leachate for treatment and disposal. Currently, leachate generated from the landfill is collected and stored at the SCMUA Solid Waste Facility in a 1.1 million gallon tank. The leachate is then hauled by SCMUA via tanker truck approximately 6 miles to its Upper Wallkill WPCF in Hardyston, New Jersey, for treatment. The current leachate treatment and disposal scheme is regulated by the New Jersey Department of Environmental Protection (NJDEP) under NJPDES/SIU Permit No. NJ0103811, which provides for the disposal of 35,000 gallons per day (annual average) of leachate at the SCMUA's Upper Wallkill WPCF.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-01	Eligible Project Cost:	\$2,451,173
Rank:	785		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-01  
Landfill Closure

**Priority List Rank**

785

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Warren County		
Project No.:	S343035-01	Eligible Project Cost:	\$3,185,630
Rank:	786		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Warren County  
S343035-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

786

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edison Township		
Project No.:	S342020-01	Eligible Project Cost:	\$11,714,265
Rank:	787		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edison Township  
S342020-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

787

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edison Township		
Project No.:	S343027-02	Eligible Project Cost:	\$55,475,226
Rank:	788		
County:	Middlesex	Total State Amount:	\$55,475,226

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097687
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.097687

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edison Township  
S343027-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

788

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hamilton Township		
Project No.:	S343051-02	Eligible Project Cost:	\$1,709,268
Rank:	789		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hamilton Township  
S343051-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

789

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township		
Project No.:	S343010-02	Eligible Project Cost:	\$4,345,207
Rank:	790		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township  
S343010-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

790

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Middletown Township		
Project No.:	S343021-02	Eligible Project Cost:	\$3,193,018
Rank:	791		
County:	Monmouth	Total State Amount:	\$3,193,018

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	150
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	150

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.066327
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	150.066327

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Middletown Township  
S343021-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

791

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Old Bridge Township		
Project No.:	S343043-02	Eligible Project Cost:	\$3,997,392
Rank:	792		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Old Bridge Township  
S343043-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

792

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester Township		
Project No.:	S343014-01	Eligible Project Cost:	\$1,328,374
Rank:	793		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester Township  
S343014-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

793

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plainfield City		
Project No.:	S340240-04	Eligible Project Cost:	\$78,934
Rank:	794		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Plainfield City  
S340240-04  
Well Sealing

**Priority List Rank**

794

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Washington Township		
Project No.:	S343044-01	Eligible Project Cost:	\$1,019,650
Rank:	795		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Washington Township  
S343044-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

795

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Franklin Township		
Project No.:	S343017-01	Eligible Project Cost:	\$21,625,688
Rank:	796		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Franklin Township  
S343017-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

796

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Township		
Project No.:	S343023-02	Eligible Project Cost:	\$616,010
Rank:	797		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Township  
S343023-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

797

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sayreville Borough		
Project No.:	S343075-01	Eligible Project Cost:	\$31,783,125
Rank:	798		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sayreville Borough  
S343075-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

798

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Howell Township		
Project No.:	S343011-01	Eligible Project Cost:	\$2,049,114
Rank:	799		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Howell Township  
S343011-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

799

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S343024-01	Eligible Project Cost:	\$735,292
Rank:	800		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S343024-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

800

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Marlboro Township		
Project No.:	S343059-01	Eligible Project Cost:	\$3,997,392
Rank:	801		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Marlboro Township  
S343059-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

801

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Evesham Township		
Project No.:	S342003-01	Eligible Project Cost:	\$2,969,927
Rank:	802		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Evesham Township  
S342003-01  
Landfill Closure

**Priority List Rank**

802

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manalapan Township		
Project No.:	S343039-01	Eligible Project Cost:	\$3,471,822
Rank:	803		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Manalapan Township  
S343039-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

803

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mount Laurel Township		
Project No.:	S343015-01	Eligible Project Cost:	\$4,174,867
Rank:	804		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mount Laurel Township  
S343015-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

804

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Freehold Township		
Project No.:	S343018-01	Eligible Project Cost:	\$2,718,518
Rank:	805		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Freehold Township  
S343018-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

805

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Windsor Township		
Project No.:	S343005-02	Eligible Project Cost:	\$8,712,041
Rank:	806		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Windsor Township  
S343005-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

806

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington Township		
Project No.:	S343060-01	Eligible Project Cost:	\$610,884
Rank:	807		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington Township  
S343060-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

807

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Randolph Township		
Project No.:	S343007-01	Eligible Project Cost:	\$10,903,537
Rank:	808		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Randolph Township  
S343007-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

808

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Morris Township		
Project No.:	S343022-01	Eligible Project Cost:	\$2,718,518
Rank:	809		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Morris Township  
S343022-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

809

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Point Pleasant Borough		
Project No.:	S343025-01	Eligible Project Cost:	\$654,846
Rank:	810		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Point Pleasant Borough

S343025-01

Open Space Land Acquisition and Conservation

**Priority List Rank**

810

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Readington Township		
Project No.:	S343034-04	Eligible Project Cost:	\$14,000,636
Rank:	811		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Readington Township  
S343034-04  
Open Space Land Acquisition and Conservation

**Priority List Rank**

811

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Clinton Township		
Project No.:	S343012-01	Eligible Project Cost:	\$12,493,115
Rank:	812		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Clinton Township  
S343012-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

812

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hanover Township		
Project No.:	S343003-01	Eligible Project Cost:	\$11,714,265
Rank:	813		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hanover Township  
S343003-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

813

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brigantine City		
Project No.:	S343042-01	Eligible Project Cost:	\$6,614,815
Rank:	814		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brigantine City  
S343042-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

814

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Oakland Borough		
Project No.:	S343070-01	Eligible Project Cost:	\$15,516,767
Rank:	815		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Oakland Borough  
S343070-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

815

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington County		
Project No.:	S343068-01	Eligible Project Cost:	\$76,721
Rank:	816		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Burlington County  
S343068-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

816

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Montgomery Township		
Project No.:	S343029-01	Eligible Project Cost:	\$4,594,151
Rank:	817		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Montgomery Township  
S343029-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

817

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	River Vale Township		
Project No.:	S343064-01	Eligible Project Cost:	\$6,614,815
Rank:	818		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

River Vale Township  
S343064-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

818

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Chatham Township		
Project No.:	S343016-01	Eligible Project Cost:	\$2,718,518
Rank:	819		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Chatham Township  
S343016-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

819

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Florham Park Borough		
Project No.:	S343001-01	Eligible Project Cost:	\$9,782,685
Rank:	820		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Florham Park Borough

S343001-01

Open Space Land Acquisition and Conservation

**Priority List Rank**

820

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bordentown Township		
Project No.:	S343036-01	Eligible Project Cost:	\$13,550,697
Rank:	821		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bordentown Township  
S343036-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

821

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Byram Township		
Project No.:	S343047-01	Eligible Project Cost:	\$1,915,067
Rank:	822		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Byram Township  
S343047-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

822

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Edgewater Park Township		
Project No.:	S343038-01	Eligible Project Cost:	\$147,540
Rank:	823		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Edgewater Park Township  
S343038-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

823

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Milltown Borough		
Project No.:	S343052-01	Eligible Project Cost:	\$4,653,327
Rank:	824		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Milltown Borough  
S343052-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

824

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Allendale Borough		
Project No.:	S343067-01	Eligible Project Cost:	\$6,863,603
Rank:	825		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Allendale Borough  
S343067-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

825

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mansfield Township		
Project No.:	S343040-01	Eligible Project Cost:	\$1,641,302
Rank:	826		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mansfield Township  
S343040-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

826

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Plumsted Township		
Project No.:	S343019-01	Eligible Project Cost:	\$8,879,791
Rank:	827		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Plumsted Township  
S343019-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

827

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Fairfield Township		
Project No.:	S342004-01	Eligible Project Cost:	\$1,645,877
Rank:	828		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Fairfield Township  
S342004-01  
Landfill Closure

**Priority List Rank**

828

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Point Pleasant Beach Borough		
Project No.:	S343073-01	Eligible Project Cost:	\$19,257,315
Rank:	829		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Point Pleasant Beach Borough  
S343073-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

829

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Millstone Township		
Project No.:	S343009-01	Eligible Project Cost:	\$11,714,265
Rank:	830		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Millstone Township  
S343009-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

830

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Eastampton Township		
Project No.:	S343026-01	Eligible Project Cost:	\$3,997,392
Rank:	831		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Eastampton Township

S343026-01

Open Space Land Acquisition and Conservation

**Priority List Rank**

831

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mendham Township		
Project No.:	S343031-01	Eligible Project Cost:	\$5,308,104
Rank:	832		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mendham Township  
S343031-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

832

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Amwell Township		
Project No.:	S343062-01	Eligible Project Cost:	\$500,588
Rank:	833		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

East Amwell Township  
S343062-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

833

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May City		
Project No.:	S343045-01	Eligible Project Cost:	\$5,308,104
Rank:	834		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cape May City  
S343045-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

834

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	High Bridge Borough		
Project No.:	S343072-02	Eligible Project Cost:	\$5,570,096
Rank:	835		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

High Bridge Borough  
S343072-02  
Open Space Land Acquisition and Conservation

**Priority List Rank**

835

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Mine Hill Township		
Project No.:	S343053-01	Eligible Project Cost:	\$1,396,910
Rank:	836		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Mine Hill Township  
S343053-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

836

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	National Park Borough		
Project No.:	S342019-01	Eligible Project Cost:	\$12,583,490
Rank:	837		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**  
National Park Borough  
S342019-01  
Landfill Closure

**Priority List Rank**

837

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Peapack Gladstone Borough		
Project No.:	S343049-01	Eligible Project Cost:	\$1,054,062
Rank:	838		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Peapack Gladstone Borough  
S343049-01  
Open Space Land Acquisition and Conservation

**Priority List Rank**

838

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Estell Manor City		
Project No.:	S342002-01	Eligible Project Cost:	\$1,572,251
Rank:	839		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Estell Manor City  
S342002-01  
Landfill Closure

**Priority List Rank**

839

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Trenton City		
Project No.:	S340416-13	Eligible Project Cost:	\$10,091,960
Rank:	840		
County:	Mercer	Total State Amount:	\$10,091,960

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.085403
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	135.085403

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Trenton City  
S340416-13  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

840

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-01	Eligible Project Cost:	\$172,309,961
Rank:	841		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden Redevelopment Agency  
S340044-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

841

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-05	Eligible Project Cost:	\$2,451,173
Rank:	842		
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 - Gray Infrastructure

**Priority List Rank**

842

**County**

Hudson

**Existing Population**

61,842

**Service Area**

Penninsula at Bayonne Harbor

**Need for Project**

Existing conditions on the site allow for stormwater to collect within the exposed basement of the former industrial building and stagnatemix with the demolition debris. These conditions contribute to water stagnation and unknown water quality consequences of standing water in demolition debris. The proposed project will 1) result in removal fo the debris 2) bring the site to grade so that basement water collection cannot occur and 3) facilitate the collection of stormwater into the existing on-site system. The project will also serve to prepare the site for DEP-approved redevelopment of the site which includes substantial water quality and flood control measures.

**Project Description**

The project is located on the Peninsula at Bayonne Harbor which is the site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of completing the US Armys unfinished demolition of a former warehouse structure and preparing the demolished footprint for collection of stormwater into the existing system. Under existing conditions the unfinished demolition has created a hole in the ground which collects stormwater that stagnates and mixes with the debris. The proposed work will complete the demolition and removal of concrete from the basement hole fill in the hole with material and prepare the surface for routing of stormwater to the existing system that surrounds the former building. The project is fully permitted with the exception of soil erosion and sediment control permit application that is currently being prepared.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-06	Eligible Project Cost:	\$3,471,822
Rank:	842		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S340051-06  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

842

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bayonne Local Redevelopment Authority		
Project No.:	S340051-07	Eligible Project Cost:	\$7,111,175
Rank:	842		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bayonne Local Redevelopment Authority  
S340051-07  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

842

**County**

Hudson

**Existing Population**

61,842

**Service Area**

Peninsula 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-12	Eligible Project Cost:	\$961,810
Rank:	843		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Kearny Town  
S340259-12  
Remedial Action/Contaminated Site Cleanups (Brownfields)

### Priority List Rank

843

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Kearny Town		
Project No.:	S340259-13	Eligible Project Cost:	\$107,557,474
Rank:	843		
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 - Gray Infrastructure

**Priority List Rank**

843

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-45	Eligible Project Cost:	\$4,520,000
Rank:	844		
County:	Hudson	Total State Amount:	\$4,520,000

**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	0.265549
			BDA Points	10
			Transit Villages	10
			TOTAL POINTS	120.265549

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-45  
Sanitary Sewer System - New

**Priority List Rank**

844

**County**

Hudson

**Existing Population**

265,549

**Service Area**

Jersey City is the second largest city in the State of New Jersey with a population of approximately 265,000 persons. The sanitary sewer collection system will provide a reliable sewer facilities for the residents of the Bayfront Redevelopment Project.

**Need for Project**

This project is necessary to provide a reliable sanitary sewer collection system and storm water collection system to the Bayfront Redevelopment Site. The new gravity sanitary sewer mains will be used to service both residential and commercial buildings. The storm sewer will be used for on-site drainage and stormwater management.

**Project Description**

The project generally consists of onsite infrastructure improvements for Phase 1A of the Bayfront Redevelopment to be located on a former brownfield in Jersey City. The project site is located in Jersey City off of Route 440, between Culver Avenue and Kellogg Street, on the east side of the Hackensack River and approximately 1.5 miles north of the I-78 Newark Bay Bridge. The sanitary sewer improvements consist of approximately 3,150 LF of new 10", 12", 15" and 18" gravity sewer and manholes to service the development. The storm sewer improvements consist of storm water management and collection systems.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Jersey City Municipal Utilities Authority		
Project No.:	S340928-32	Eligible Project Cost:	\$7,645,200
Rank:	845		
County:	Hudson	Total State Amount:	\$7,645,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.257342
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	110.257342

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Jersey City Municipal Utilities Authority  
S340928-32  
Water Efficiency / Water Meters

**Priority List Rank**

845

**County**

Hudson

**Existing Population**

257,342

**Service Area**

Property locations throughout Jersey City.

**Need for Project**

n/a

**Project Description**

The AMI project involves the design and installation of 2 Sensus M400 collectors that include cell modems, brackets, mounts, cabling and antennas. The project also includes the installation of 32,000 end point transmitters at each meter location. The total cost of the project is \$6,371,000.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hudson County Improvement Authority		
Project No.:	S340094-02	Eligible Project Cost:	\$0
Rank:	846		
County:	Hudson	Total State Amount:	\$0

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	50

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	50
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.677983
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.677983

**Project Name, Number**

Hudson County Improvement Authority  
S340094-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

846

**County**

Hudson

**Existing Population**

677,983

**Service Area**

The Site has been divided based on previous plant processes, physical characteristics and remedial measures into the following three areas: 1. Eastern Area: the location of former coal tar plant and coke plant and gas processing areas, and the location of the interim dense non-aqueous phase liquid (DNAPL) recovery system. The Eastern Area also includes the former parking lot and office area, which is located south of the NJ Transit rail line (also designated as the Southern Area). 2. Central Area: the location of the former coke/coal storage east area and former cyanide/sulfuric acid plant area. It is characterized by the previous remedial activities (e.g., waste removal) and placement of gravel cover; and 3. Western Area: the location of former light oil residue, oxide waste, and west coke/coal storage areas, which is characterized by waste piles, surficial tar, chromium deposits and wetlands. This area also includes the 13-acre parcel included in the SCCC Superfund site.

**Need for Project**

The site was once used for industrial operations resulting in extensive contamination. The construction of Spine Road acts as a cap and the development includes the installation of an extensive stormwater management system to replace the existing four detention basins on Site. In the new stormwater management system, stormwater runoff will be collected and conveyed via roof drains, catch basins and associated piping and discharged to the Hackensack River. The stormwater collected from the parking lots will be collected and treated via an underground treatment system to remove sediment and fines and trap hydrocarbons (e.g., Vortechs hydrodynamic separator) prior to discharge to the river. The stormwater conveyance system will be designed to minimize the barrier wall penetrations and contact with contaminated soil and groundwater. Based on the proposed Site grading plan, stormwater lines are expected to be located at depths above historical contamination.

**Project Description**

The proposed plan for the Site includes four warehouse buildings (Building 1 through Building 4). Building 1 will be approximately 746,700 square feet (SF), Building 2 approximately 490,750 SF, Building 3 approximately 386,700 SF, and Building 4 approximately 405,000 SF. Each building will have adjacent parking lots for trucks, cars and trailers. An access road is proposed along the southern border of the Site, with entrances to the Site at the southeastern corner of Building 1 and through the neighboring SCCC site to the west. The MKA portion of the Site is planned for near-term redevelopment.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-06	Eligible Project Cost:	\$3,340,073
Rank:	847		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elizabeth City  
S340942-06  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

847

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Elizabeth City		
Project No.:	S340942-10	Eligible Project Cost:	\$9,911,578
Rank:	847		
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
600	0
500	0
450	0
350	0
300	0
275	0
250	0
225	0
150	0
75	0
50	50
300	0
50	0
Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
200	0
125	0
125	0
75/25	0/0
50	0
25	0
25	0
Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Elizabeth City  
S340942-10  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

847

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Trenton City		
Project No.:	S340087-01	Eligible Project Cost:	\$2,844,687
Rank:	848		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Trenton City  
S340087-01  
Stormwater Management - Green Infrastructure

**Priority List Rank**

848

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Trenton City		
Project No.:	S340416-14	Eligible Project Cost:	\$24,000,000
Rank:	849		
County:	Mercer	Total State Amount:	\$24,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.084913
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.084913

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Trenton City  
S340416-14  
Water Efficiency / Water Meters

**Priority List Rank**

849

**County**

Mercer

**Existing Population**

84,913

**Service Area**

City of Trenton, and portions of Ewing, Lawrence, Hamilton and Hopewell Townships surrounding Trenton.

**Need for Project**

Upon implementation, this project will allow for better efficiency in the TWW's water system by helping TWW track water consumption more accurately, reducing un-revenued for and prevent wasted water.

**Project Description**

A seven year phased replacement of all Trenton Water Works water meters which includes advanced metering infrastructure (transmitting towers, and transmitter equipped meters)

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-02	Eligible Project Cost:	\$45,383,793
Rank:	850		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden Redevelopment Agency  
S340044-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

850

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden Redevelopment Agency		
Project No.:	S340044-03	Eligible Project Cost:	\$13,000,360
Rank:	850		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden Redevelopment Agency  
S340044-03  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

850

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Camden City		
Project No.:	S340366-16	Eligible Project Cost:	\$600,000
Rank:	851		
County:	Camden	Total State Amount:	\$600,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
Subtotal		50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				50
Population				0.077344
BDA Points				0
Transit Villages				0
TOTAL POINTS				100.077344

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Camden City  
S340366-16  
Water Efficiency / Water Meters

**Priority List Rank**

851

**County**

Camden

**Existing Population**

77,344

**Service Area**

Entire City Of Camden

**Need for Project**

AMR allows the City to more closely monitor citywide consumption and more effectively manage the city's water supply system.

**Project Description**

The purchase of the Automatic Meter Reading Equipment will replace existing outdated equipment used by the City to read the water registers/meter.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Orange City		
Project No.:	S340843-02	Eligible Project Cost:	\$6,840,000
Rank:	852		
County:	Essex	Total State Amount:	\$6,840,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.06427
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.06427

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

East Orange City  
S340843-02  
Water Efficiency / Water Meters

**Priority List Rank**

852

**County**

Essex

**Existing Population**

64,270

**Service Area**

65,078

**Need for Project**

n/a

**Project Description**

Small Water Meters and Large Water Meters Replacement project, including meter and billing software and conversion of ethernet connections for SCADA.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Township		
Project No.:	S340652-08	Eligible Project Cost:	\$3,997,392
Rank:	853		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Bergen Township

S340652-08

Stormwater Management - Gray Infrastructure

**Priority List Rank**

853

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Bergen Municipal Utilities Authority		
Project No.:	S340652-11	Eligible Project Cost:	\$2,468,581
Rank:	853		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

North Bergen Municipal Utilities Authority  
S340652-11  
Sewage Treatment Plant (STP) - Expansion

**Priority List Rank**

853

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	New Brunswick City		
Project No.:	S340437-12	Eligible Project Cost:	\$3,340,073
Rank:	854		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

New Brunswick City  
S340437-12  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

854

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Atlantic City Municipal Utilities Authority		
Project No.:	S340439-04	Eligible Project Cost:	\$2,230,000
Rank:	855		
County:	Atlantic	Total State Amount:	\$2,230,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	50
			Population	0.037804
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.037804

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Atlantic City Municipal Utilities Authority  
S340439-04  
Water Efficiency / Water Meters

**Priority List Rank**

855

**County**

Atlantic

**Existing Population**

37,804

**Service Area**

Encompasses the City Of Atlantic City

**Need for Project**

Improve customer service, improve staff efficiency, advanced notification of homeowner leaks, AMR intelligence to quickly resolve issues in the field, enhance the accuracy of low and high flows, reduce operation and maintenance cost.

**Project Description**

The Atlantic City Municipal Utilities Authority (ACMUA) would like initiate a comprehensive water meter and MTU replacement program that will upgrade or replace approximately six thousand five hundred (6500) meter and MTU's throughout the city of Atlantic City. The replacement program will consist of 5/8", 3/4", and 1"-4" meters. The ACMUA plans on accomplishing this program by utilizing the Authority's staff to install the new meters.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Asbury Park City		
Project No.:	S340883-08	Eligible Project Cost:	\$63,000,000
Rank:	856		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Asbury Park City  
S340883-08  
Sewage Treatment Plant (STP) - Improvement/Upgrade

**Priority List Rank**

856

**County**

Monmouth

**Existing Population**

16,116

**Service Area**

The City of Asbury Park

**Need for Project**

the proposed construction would eliminate an existing treatment plant outfall

**Project Description**

Sewer Plant



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Harrison Town		
Project No.:	S340341-05	Eligible Project Cost:	\$31,783,125
Rank:	857		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Harrison Town  
S340341-05  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

857

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union County Improvement Authority		
Project No.:	S340124-01	Eligible Project Cost:	\$23,069,596
Rank:	858		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Union County Improvement Authority  
S340124-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

858

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hardyston Municipal Utility Authority		
Project No.:	S340532-01	Eligible Project Cost:	\$486,000
Rank:	859		
County:	Sussex	Total State Amount:	\$486,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points 0-200 Points Scored 50

**II. PROJECT DISCHARGE TYPE**

Possible Points Points Scored

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points Points Scored

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0029
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	100.0029

**Project Name, Number**

Hardyston Municipal Utility Authority  
S340532-01  
Water Efficiency / Water Meters

**Priority List Rank**

859

**County**

Sussex

**Existing Population**

2,900

**Service Area**

The project will replace meters for both the Crystal Springs development and Indian Fields public water systems. Indian Fields includes 360 residential customers consisting of townhomes and single family detached units. Crystal Springs includes 1017 residential customers. Units include condos, townhomes and single family units and a resort hotel and conference center.

**Need for Project**

Install lead free water meters helps create better water use conversation practices resulting in less sewer discharge and improving overall water quality

**Project Description**

Replace approximately 1,000 meters within the Crystal Springs and Indian Fields water systems with radio-read meters in order to enable the HTMUA to transition from flat-rate billing to consumption based billing helping to better influence consumption behaviors and therefore reduce sewer discharge.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Orange City		
Project No.:	S340843-03	Eligible Project Cost:	\$8,506,931
Rank:	860		
County:	Essex	Total State Amount:	\$8,506,931

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.06427
			BDA Points	10
			Transit Villages	10
			TOTAL POINTS	95.06427

**Project Name, Number**

East Orange City  
S340843-03  
Sanitary Sewer System Rehabilitation

**Priority List Rank**

860

**County**

Essex

**Existing Population**

64,270

**Service Area**

The Project will enhance the water quality of a western portion of the City of East Orange for a population of approximately 1,800 current and new users.

**Need for Project**

The Water Facilities in and around the project site are substandard and in need of reconstruction or rehabilitation. The site is also currently designated as a Brownfield site. The Project will include the construction of an impervious cap, through appropriate building foundations and asphalt-paved roadways, that will mitigate and prevent any further contamination of the site and the surrounding areas as well as the implementation of a necessary ground water remediation program. Additionally, existing sanitary and stormwater infrastructure will be improved as part of the project along with the installation of new sanitary and stormwater systems associated with the new users.

**Project Description**

The proposed water quality improvement project (the "Project") at the Crossings at Brick Church will provide necessary and substantial improvements and enhancements to the stormwater and sanitary sewer infrastructure systems (the "Water Facilities") in the area. The Project includes the demolition of existing building and substandard infrastructure, replacement and rehabilitation of the Water Facilities, implementation of a necessary ground water remediation program and construction of the impervious cap, through appropriate building foundations and asphalt-paved roadways, that will mitigate and prevent any further contamination of the site and the surrounding areas.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerville Borough		
Project No.:	S342013-01-1	Eligible Project Cost:	\$753,198
Rank:	861		
County:	Somerset	Total State Amount:	\$753,198

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.0124
			BDA Points	10
			Transit Villages	10
			TOTAL POINTS	95.0124

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerville Borough  
S342013-01-1  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

861

**County**

Somerset

**Existing Population**

12,400

**Service Area**

NA

**Need for Project**

This project will remediate Contaminated Ground Water entering the Raritan River

**Project Description**

Somerville Green Seam Construction Phase II - Ground Water Remediation Note: This application is not a new request for funding, but a request for a further release of EIT funds based on the already approved \$3.9 million from project #S342013-1. A contract has been awarded for \$8.2 million leaving a balance of funds available from the approved amount of \$1.85 million of which the estimated \$627,665 would be applied against when this element is approved and the bid awarded. This amount represents 25% of the total estimate of \$2,510,662 of which 75% is being funded through the DEP HDSRF program.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Carteret Borough		
Project No.:	S340939-07	Eligible Project Cost:	\$23,882,313
Rank:	862		
County:	Middlesex	Total State Amount:	\$23,882,313

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.022844
			BDA Points	10
			Transit Villages	0
			TOTAL POINTS	85.022844

**Project Name, Number**

Carteret Borough  
S340939-07  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

862

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem County Improvement Authority		
Project No.:	S342022-01	Eligible Project Cost:	\$8,940,401
Rank:	863		
County:	Salem	Total State Amount:	\$8,940,401

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.660083
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.660083

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Salem County Improvement Authority  
S342022-01  
Landfill Construction

**Priority List Rank**

863

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pollution Control Financing Authority of Camden County		
Project No.:	S342025-01	Eligible Project Cost:	\$14,060,804
Rank:	864		
County:	Camden	Total State Amount:	\$14,060,804

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.510923
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.510923

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Pollution Control Financing Authority of Camden County  
S342025-01  
Landfill Construction

### Priority List Rank

864

### County

Camden

### Existing Population

510,923

### Service Area

The Pennsauken Sanitary Landfill (PSL) owned and operated by the Pollution Financing Control Authority of Camden County (PCFACC) provides waste management services for the residents and businesses of Camden County. On a multi-year annual average, the PSL receives about 80,000 tons of type 10, 13, 13C, 23, 25, and 27 waste for disposal. At this tipping rate, the PSL has spare capacity for seven (7) years. The PCFACC is pro-actively engaged in long-term planning to continue serving the rate payers. For operational purposes, early construction of the proposed capital improvement will facilitate more effective site operations. The PCFACC is applying for financing assistance for the design and construction of the Phase VI Expansion.

### Need for Project

The construction of the MSE berm in conjunction with the extension of the baseliner key-in trench will eliminate a pathway for leachate entering the storm- and groundwater resources. The interior side of the MSE berm will include a baseliner, keyed into the existing liner system creating a continuous barrier. Furthermore the MSE berm will incorporate stormwater management features and improve drainage adjacent to the proposed berm.

### Project Description

The Project consists of the construction of a Mechanically Stabilized Earthen (MSE) berm along a 1,700 FT segment of the eastern boundary of the landfill and a baseliner key-in extension. In conjunction with an increased final elevation from 114 FT to 160 FT, the berm will increase the capacity of the Site E landfill by 819,000 CY. The berm and elevation increase are subject to a major modification of the solid waste facility permit. The MSE berm height will vary from approximately 0 to 50 feet above existing ground and will have a length of approximately 1,700 FT. The objective of the baseliner key-in extension is to raise the anchor trench above grade level, eliminating a potential pathway for leachate into the subsurface.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Morris County		
Project No.:	S340107-01	Eligible Project Cost:	\$13,000,360
Rank:	865		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Morris County  
S340107-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

865

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-03	Eligible Project Cost:	\$13,893,240
Rank:	866		
County:	Gloucester	Total State Amount:	\$13,893,240

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.29233
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.29233

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-03  
Landfill Construction

**Priority List Rank**

866

**County**

Gloucester

**Existing Population**

292,330

**Service Area**

The Gloucester Solid Waste Complex receives solid waste from both Gloucester County and outside the County.

**Need for Project**

A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation falling. Use of a double-liner system will prevent leachate leakage and protect the groundwater quality. In order to prevent Non-Point Source Pollution from the GCSWC, the new construction will include a Soil Erosion & Sediment Control Plan that will include stormwater run-on and run-off controls and sedimentation/detention basins to mitigate adverse impacts associated with site hydrology.

**Project Description**

The proposed project includes the construction of new landfill Cell 14 within the existing Gloucester County Solid Waste Complex (GCSWC). On April 20, 2012, NJDEP issued the Solid Waste Facility Permit for the Phase VII expansion, which included Cell 14. Cell 14 as approved by the NJDEP is about 13.75 acres in extent and will be constructed at the southern end of the landfill adjacent to the newly constructed Cell 13. The landfill was expanded in a phased manner and in its present configuration occupies about 112 acres (Cells 1 through 13). GCIA has utilized all the available permitted space in Cells 1 through 12. Landfilling operations are currently underway in Cell 13. Cell 13 construction was completed in April 2017.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-04	Eligible Project Cost:	\$18,500,000
Rank:	867		
County:	Gloucester	Total State Amount:	\$18,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.291408
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.291408

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-04  
Landfill Construction

**Priority List Rank**

867

**County**

Gloucester

**Existing Population**

291,408

**Service Area**

The Gloucester Solid Waste Complex receives solid waste from both Gloucester County and outside the County.

**Need for Project**

A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation falling. Use of a double-liner system will prevent leachate leakage and protect the groundwater quality. In order to prevent Non-Point Source Pollution from the GCSWC, the new construction will include a Soil Erosion & Sediment Control Plan that will include stormwater run-on and run-off controls and sedimentation/detention basins to mitigate adverse impacts associated with site hydrology.

**Project Description**

The proposed project includes the construction of new landfill Cell 15 within the existing Gloucester County Solid Waste Complex (GCSWC). On April 20, 2012, NJDEP issued the Solid Waste Facility Permit for the Phase VII expansion, which included Cell 15. Cell 15 is about 13.6 acres in extent and will be constructed at the southern end of the landfill adjacent to the newly constructed Cell 14. The landfill was expanded in a phased manner and in its present configuration occupies about 125 acres (Cells 1 through 14). GCIA has utilized all the available permitted space in Cells 1 through 13. Landfilling operations are currently underway in Cell 14. Cell 14 construction was completed in April 2019.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342024-01	Eligible Project Cost:	\$7,513,687
Rank:	868		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S342024-01  
Landfill Construction

**Priority List Rank**

868

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Gloucester County Improvement Authority		
Project No.:	S342016-02	Eligible Project Cost:	\$5,962,475
Rank:	869		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Gloucester County Improvement Authority  
S342016-02  
Landfill Construction

**Priority List Rank**

869

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-04	Eligible Project Cost:	\$5,919,704
Rank:	870		
County:	Cumberland	Total State Amount:	\$5,919,704

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	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	0.156898
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.156898

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cumberland County Improvement Authority  
S342015-04  
Landfill Construction

**Priority List Rank**

870

**County**

Cumberland

**Existing Population**

156,898

**Service Area**

The Cumberland County Landfill receives solid waste from both Cumberland County and outside the County.

**Need for Project**

The following improvements to the landfill will be implemented at the Cumberland County Solid Waste Complex. i.) Side Slope Restoration mainly consists of restoration of existing stormwater management features to effectively manage contact and non-contact water, as well as minimize leachate generation. The management of non-contact water will include rain cover, diversion swale/downchute, perimeter waterways, and detention basins that will ultimately discharge to groundwater. ii.) The installation of the LFG main header pipe will increase capacity of the LFG extraction system. Leachate condensate generated within the main header pipe will be collected and safely disposed of. iii.) The installation of new rain cover prevents precipitation from infiltrating the landfill, which reduces leachate generation. iv.) The Bio-Tank Feed Pip and Pumps system will be improved with secondary containment which will contain any accidental spills of leachate. v.) Drainage and pavement improvements

**Project Description**

CCIA intends to implement a series of improvements at the Cumberland County Landfill located at 169 Jesse Bridge Road, Deerfield Township, New Jersey, including I) Side Slope Restoration; II) Landfill Gas (LFG) Main Header Pipe Installation; III) Rain Cover Replacement; IV) Secondary Containment for Bio-Tank Feed Pipe and Pumps System; V) Pavement Improvements.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-01	Eligible Project Cost:	\$25,607,620
Rank:	871		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cumberland County Improvement Authority  
S342015-01  
Landfill Construction

**Priority List Rank**

871

**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 of 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cumberland County Improvement Authority		
Project No.:	S342015-02	Eligible Project Cost:	\$2,049,114
Rank:	871		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Cumberland County Improvement Authority  
S342015-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

871

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-05	Eligible Project Cost:	\$12,592,000
Rank:	872		
County:	Sussex	Total State Amount:	\$12,592,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.146265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.146265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-05  
Landfill Construction

**Priority List Rank**

872

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sussex County Municipal Utilities Authority		
Project No.:	S342008-06	Eligible Project Cost:	\$43,000,000
Rank:	873		
County:	Sussex	Total State Amount:	\$43,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.140799
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.140799

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sussex County Municipal Utilities Authority  
S342008-06  
Landfill Construction

**Priority List Rank**

873

**County**

Sussex

**Existing Population**

140,799

**Service Area**

The SCMUA Solid Waste Facility provides service to the County of Sussex.

**Need for Project**

The proper management and disposal of solid waste, including appropriate site controls and permit compliance, provides for the protection of both surface and ground waters via reduction and/or elimination of non-point sources of pollution..

**Project Description**

Implementation of a Stage 2 Landfill vertical and horizontal landfill expansion via construction of an MSE Berm, and including the necessary relocation of existing site infrastructure. The landfill expansion will allow for the continued proper management of Sussex County municipal solid waste pursuant to the approved County Solid Waste Management Plan and the approved NJDEP Solid Waste Facilities Permit.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pollution Control Financing Authority of Warren County		
Project No.:	S342026-01	Eligible Project Cost:	\$24,000,000
Rank:	874		
County:	Warren	Total State Amount:	\$24,000,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.105779
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.105779

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Pollution Control Financing Authority of Warren County  
S342026-01  
Landfill Construction

**Priority List Rank**

874

**County**

Warren

**Existing Population**

105,779

**Service Area**

Northern New Jersey and Eastern Pennsylvania.

**Need for Project**

None.

**Project Description**

Expansion of the Warren County District Landfill. Project will be for the construction of Cell 7 which is approx. +/- 14 acres. This will include installation of new roadway(s), landfill liners, pump station, piping and electrical.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Two Rivers Water Reclamation Authority		
Project No.:	S340117-06	Eligible Project Cost:	\$14,826,569
Rank:	875		
County:	Monmouth	Total State Amount:	\$14,826,569

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.1

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Two Rivers Water Reclamation Authority  
S340117-06  
Sanitary Sewer System - New

### Priority List Rank

875

### 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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Cape May County Municipal Utilities Authority		
Project No.:	S342017-02	Eligible Project Cost:	\$6,354,123
Rank:	876		
County:	Cape May	Total State Amount:	\$6,354,123

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.097265
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.097265

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

### Project Name, Number

Cape May County Municipal Utilities Authority  
S342017-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

### Priority List Rank

876

### 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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem County Improvement Authority		
Project No.:	S342022-02	Eligible Project Cost:	\$8,500,000
Rank:	877		
County:	Salem	Total State Amount:	\$8,500,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	75
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	0
	Subtotal	75

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.063934
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.063934

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Salem County Improvement Authority  
S342022-02  
Landfill Construction

**Priority List Rank**

877

**County**

Salem

**Existing Population**

63,934

**Service Area**

The service area is the entire County of Salem, New Jersey.

**Need for Project**

The landfill cell construction is needed to provide for the environmentally sound disposal of Salem County's solid waste in accordance with the County and State solid waste management policies and regulations. The landfill cell will include a double-composite liner system designed and constructed in accordance with NJDEP regulations and the SCIA solid waste facility permit to protect ground water and surface water quality.

**Project Description**

The project includes a 8.0 +/- acre landfill cell, which is one phase of a 31-acre landfill expansion. The landfill design includes a double composite liner system designed and permitted in accordance with NJDEP regulations.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy Redevelopment Agency		
Project No.:	S340435-07	Eligible Project Cost:	\$36,825,064
Rank:	878		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Perth Amboy Redevelopment Agency  
S340435-07  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

878

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Orange City		
Project No.:	S340859-02	Eligible Project Cost:	\$6,039,749
Rank:	879		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Orange City  
S340859-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

879

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lawrence Township		
Project No.:	S340395-02	Eligible Project Cost:	\$18,347,670
Rank:	880		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lawrence Township  
S340395-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

880

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Burlington City		
Project No.:	S340140-02	Eligible Project Cost:	\$2,502,000
Rank:	881		
County:	Burlington	Total State Amount:	\$2,502,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.009866
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	75.009866

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Burlington City  
S340140-02  
Water Efficiency / Water Meters

**Priority List Rank**

881

**County**

Burlington

**Existing Population**

9,866

**Service Area**

The service area regarding the replacement of the water meters is the entire City of Burlington, NJ.

**Need for Project**

To maintain permit compliance

**Project Description**

This project entails replacing residential and industrial meters throughout the City

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Salem City		
Project No.:	S340235-03	Eligible Project Cost:	\$1,345,520
Rank:	882		
County:	Salem	Total State Amount:	\$1,345,520

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	25
			Population	0.005146
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	75.005146

**Project Name, Number**

Salem City  
S340235-03  
Water Efficiency / Water Meters

**Priority List Rank**

882

**County**

Salem

**Existing Population**

5,146

**Service Area**

The planning area consists of the entire City of Salem, located in the western part of Salem County. The City provides potable water to approximately 4,931 residential and commercial metered public customers.

**Need for Project**

The existing meters are approaching the end of their useful life and require replacement. The meters become less accurate with age and generally run slower. New meters will also enable the City to easily detect leaks within the distribution system and reduce labor costs for meter reads.

**Project Description**

The project involves the replacement of the existing water meters with an automatic meter read system. The existing meters are approaching the end of their useful life and require replacement. The meters become less accurate with age and generally run slower. The City is experiencing lost revenue as a result. New meters will also enable the City to easily detect leaks within the distribution system and reduce labor costs for meter reads. As part of this project, all commercial water meters will be replaced, in addition to a large portion of the residential water meters.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	East Amwell Township		
Project No.:	S340037-01	Eligible Project Cost:	\$639,645
Rank:	883		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

East Amwell Township  
S340037-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

883

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Willingboro Municipal Utilities Authority		
Project No.:	S340132-11	Eligible Project Cost:	\$8,925,260
Rank:	884		
County:	Burlington	Total State Amount:	\$8,925,260

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	15
			Population	0.031629
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	65.031629

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Willingboro Municipal Utilities Authority  
S340132-11  
Water Efficiency / Water Meters

**Priority List Rank**

884

**County**

Burlington

**Existing Population**

31,629

**Service Area**

Willingboro Township, Burlington County, New Jersey

**Need for Project**

N/A

**Project Description**

Replace all Willingboro Township Water Meters and implement advanced metering infrastructure (AMI) system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-01	Eligible Project Cost:	\$19,440,809
Rank:	885		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Milltown Borough  
S340102-01  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

885

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Milltown Borough		
Project No.:	S340102-04	Eligible Project Cost:	\$5,190,428
Rank:	885		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Milltown Borough  
S340102-04  
Decentralized Wastewater (or Septic) System Repair/Replacement

**Priority List Rank**

885

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Lakewood Township Municipal Utilities Authority		
Project No.:	S340465-03	Eligible Project Cost:	\$1,440,000
Rank:	886		
County:	Ocean	Total State Amount:	\$1,440,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.102682
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.102682

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Lakewood Township Municipal Utilities Authority  
S340465-03  
Water Treatment Plant/Facilities

**Priority List Rank**

886

**County**

Ocean

**Existing Population**

102,682

**Service Area**

The Authority's present service area is approximately 11 square miles, includes 85 miles of water mains and serves the major part of the eastern half of Lakewood Township. The Authority's water system consists of two water treatment plants, five water storage tanks and fourteen wells drawing water from the Englishtown, Raritan and Cohansey Aquifers.

**Need for Project**

N/A

**Project Description**

The Authority is adding approximately 4,600sq ft. of additional office space and storage space to the existing administration building.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy City		
Project No.:	S340435-18	Eligible Project Cost:	\$735,000
Rank:	887		
County:	Middlesex	Total State Amount:	\$735,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.050814
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.050814

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Perth Amboy City  
S340435-18  
Water Efficiency / Water Meters

**Priority List Rank**

887

**County**

Middlesex

**Existing Population**

50,814

**Service Area**

Service area is limited to the area within City limits only.

**Need for Project**

There is no water quality related with this project. This is to replace the existing water meters that are over 15 years old and have found many that are providing inaccurate reading. Additionally, the existing meters can very easily be tampered with. Both of this issues contribute to an inaccurate percent for unaccounted for water. The replacement of these meters will reduce the percent of unaccounted for water.

**Project Description**

The majority of the water meters installed in Perth Amboy have been in the system for at least 15 years. There has been complaints of high bill where the city has investigated the possible reason of the high bill and on many occasions has discovered that the meter is not registering accurately resulting in an adjustment to the customer's water bill. Additionally, it has been observed that the existing meters can be very easily tampered with allowing the customer use water that is not been registered by the meter and therefore increasing the percentage of unaccounted for water. To stop or at least reduce the stilling of water by tampering the meters, the city has decided to replace all of the meters with a meter that will prevent tampering with. The City will use the existing meter routes to divide the system and replace the water meters. The first section will be the south east section of town where most of the tampered meters have been found.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bloomfield Township		
Project No.:	S340516-01	Eligible Project Cost:	\$7,230,970
Rank:	888		
County:	Essex	Total State Amount:	\$7,230,970

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.047315
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.047315

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bloomfield Township  
S340516-01  
Water Efficiency / Water Meters

**Priority List Rank**

888

**County**

Essex

**Existing Population**

47,315

**Service Area**

The service area for the proposed project is coterminous with the Township boundary.

**Need for Project**

The proposed project is intended to replace aging meters with current technology that is in compliance with AWWA standards, as well as, assist the Township in tracking water usage and enhancing leak detection.

**Project Description**

The Township of Bloomfield proposes to replace their existing distribution system water meters that have exceeded their useful life with new water service meters. The proposed project will include disposal of the existing meters, installation of approximately 11,000 new water service meters throughout the Township, and installation of an Advanced Metering Infrastructure Network (AMI) system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Pennsauken Township		
Project No.:	S340349-04	Eligible Project Cost:	\$55,431,119
Rank:	889		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Pennsauken Township

S340349-04

Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

889

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Orange City		
Project No.:	S340859-04	Eligible Project Cost:	\$5,047,760
Rank:	890		
County:	Essex	Total State Amount:	\$5,047,760

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.030134
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.030134

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Orange City  
S340859-04  
Water Efficiency / Water Meters

**Priority List Rank**

890

**County**

Essex

**Existing Population**

30,134

**Service Area**

City of Orange Twp New Jersey Essex County

**Need for Project**

In order to leverage the investment in this technology, and harness the value drivers, it is critical to understand current and future utility operations, not just meter reading and billing. A key differentiation in our approach to this project is that we will perform both an operational assessment to determine functional objectives as well as a cultural assessment to ensure that the operational changes required to leverage and disseminate interval data through the enterprise will be possible. This will enable our OWW TEAM to begin with the end in mind.

**Project Description**

Providing for the replacement of water meters throughout the City with an advanced smart metering system consisting of communications network and data management systems. Pursuant to NJ DEP Violations NJAC 7:19-6.6; 7 The City of Orange Township current has (4,743) residential, commercial and industrial connections within the Municipal boundaries. OWW (Orange Water/SUEZ) intends to employ a comprehensive client-centric approach to the development of an AMR/AMI program based on leading industry knowledge and current operational insight (SUEZ Environmental). OWW will craft suitable program models using the industry's real-time technical knowledge regarding communication networks, system functionality, and device-specific capabilities. Working with our partners to determine the specific functional objectives for AMR/AMI, our goal will be to determine which technical solutions are feasible, specific performance criteria for procurement documentation, and redundancy.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Orange Village		
Project No.:	S340103-01	Eligible Project Cost:	\$2,049,114
Rank:	891		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

South Orange Village  
S340103-01

Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

891

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	South Orange Village		
Project No.:	S340103-02	Eligible Project Cost:	\$2,670,000
Rank:	892		
County:	Essex	Total State Amount:	\$2,670,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.016316
			BDA Points	0
			Transit Villages	10
			TOTAL POINTS	60.016316

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

South Orange Village  
S340103-02  
Water Efficiency / Water Meters

**Priority List Rank**

892

**County**

Essex

**Existing Population**

16,316

**Service Area**

All customers serviced by the South Orange Water Utility. Area includes Seton Hall University (SHU) that has a daily population increase of five thousand and full time student residents of five thousand.

**Need for Project**

Project includes identification of lead service lines and planning for their replacement.

**Project Description**

The Township of South Orange Village installed water meters and transmitters need to be replaced as they are at the end of their useful life. As water meters age and mechanical parts wear, accurate accounting of water consumption diminishes. Over time, meters tend to slow down from wear and fail to transmit the consumption data due to transmitter battery failure. The impacts are lost revenue and providing manual reads. The majority of the South Orange meter inventory is approaching or at many locations past their useful life (average meter age is approximately 16.5 years). This situation avails South Orange the opportunity to implement AML a more efficient technology that collects intraday water consumption data. Water Utilities face mounting pressure to operate efficiently. This pressure is coupled with consumer expectations for accurate and timely bills, as well as data and insights to the customers' water usage helpful in water conservation and system management.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Brick Township Municipal Utilities Authority		
Project No.:	S340448-14	Eligible Project Cost:	\$1,903,200
Rank:	893		
County:	Ocean	Total State Amount:	\$1,903,200

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.1
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.1

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Brick Township Municipal Utilities Authority  
S340448-14  
Water Efficiency / Water Meters

**Priority List Rank**

893

**County**

Ocean

**Existing Population**

100,000

**Service Area**

BTMUA provides approximately 100,000 residential, commercial, and light industrial customers in Brick Township and the Ramtown section of Howell Township with water service. This population also includes customers that are serviced via bulk sales to Point Pleasant Beach Borough, Point Pleasant Borough, and Lakewood Township. BTMUA serves all of Point Pleasant Beach Borough. BTMUA does not provide water service to the population located in the Barrier Island section of Brick Township. The planning area for the project includes BTMUA's entire water service area in the Township of Brick and the Ramtown section of Howell Township. The scope of the project includes the purchase of approximately 11,560 water meters and accessories for assembly. The water meters will replace-in-kind existing brass water meters at individual customer homes or within existing external meter pits. The funding request is for the purchase of the meters equipment only and not for installation.

**Need for Project**

The projects purpose is to purchase water meters that will replace existing, old water meters.

**Project Description**

The planning area for the project includes Brick Township Municipal Utilities Authority's entire water service area in the Township of Brick and the Ramtown section of the Township of Howell. The scope of the project includes the purchase of approximately 11,560 water meters and appurtenances. The meters will include the following sizes: 3/4-inch, 1-inch, 1-1/2-inch and 2-inch. The water meters will replace-in-kind existing brass water meters at individual customer homes or within existing external meter pits. The funding request is for the purchase of the meters equipment only and not for installation.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Woodbridge Township		
Project No.:	S340433-10	Eligible Project Cost:	\$9,943,795
Rank:	894		
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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Woodbridge Township  
S340433-10  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

894

**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



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Perth Amboy Redevelopment Agency		
Project No.:	S340435-08	Eligible Project Cost:	\$19,257,315
Rank:	895		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Perth Amboy Redevelopment Agency  
S340435-08  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

895

**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 system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Hackensack City		
Project No.:	S340923-09	Eligible Project Cost:	\$9,589,269
Rank:	896		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Hackensack City  
S340923-09  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

896

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	North Brunswick Township		
Project No.:	S340888-02	Eligible Project Cost:	\$5,427,000
Rank:	897		
County:	Middlesex	Total State Amount:	\$5,427,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.040742
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.040742

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

North Brunswick Township  
S340888-02  
Water Efficiency / Water Meters

**Priority List Rank**

897

**County**

Middlesex

**Existing Population**

40,742

**Service Area**

The service area for the proposed project is coterminous with the Township boundary.

**Need for Project**

The service area for the proposed project is coterminous with the Township boundary.

**Project Description**

The Township of North Brunswick proposes to replace their existing distribution system water meters that have exceeded their useful life with new water service meters. The proposed project will include disposal of the existing meters, installation of up to 12,000 new water service meters throughout the Township, and construction of a receiving base station(s) and installation of hardware and software for integration with the Township's financial software. The project will also include the replacement of the two master water meters at the water treatment plant and integration of all meters with the existing SCADA control system.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Sayreville Economic & Redevelopment Agency		
Project No.:	S340134-01	Eligible Project Cost:	\$50,664,200
Rank:	898		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Sayreville Economic & Redevelopment Agency  
S340134-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

898

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Linden City		
Project No.:	S340679-02	Eligible Project Cost:	\$5,882,578
Rank:	899		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Linden City  
S340679-02  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

899

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Belleville Township		
Project No.:	S340243-01	Eligible Project Cost:	\$7,478,656
Rank:	900		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Belleville Township  
S340243-01  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

900

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	University Hospital		
Project No.:	S340500-03	Eligible Project Cost:	\$11,111,111
Rank:	901		
County:	Essex	Total State Amount:	\$11,111,111

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.033
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.033

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

University Hospital  
S340500-03  
Energy Efficiency / Renewable Energy

**Priority List Rank**

901

**County**

Essex

**Existing Population**

33,000

**Service Area**

NA

**Need for Project**

Reduce portable water usage by 8 million

**Project Description**

The turbines in the plant are at the end of their useful life and use an antiquated water injection system to reduce NOX, which is disallowed under current DEP rules. The turbines have become unreliable and fail regularly, requiring excess maintenance and repairs. Replacement will be required in the near term to maintain a functioning plant. The proposed project consists of: - Replace the 3 existing turbines with three (3) Solar Mercury 50 Turbines with Duct fired slant tube Heat Recovery Steam Generators with an increased capacity of 2.8MW - New Gas Compressor - New Controls and Connections - Switchgear - Alterations to accommodate installation of the larger sized turbines.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Union County Improvement Authority		
Project No.:	S340113-01	Eligible Project Cost:	\$1,847,907
Rank:	902		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Union County Improvement Authority  
S340113-01  
Stormwater Management - Gray Infrastructure

**Priority List Rank**

902

**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.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Manchester Township		
Project No.:	S340650-08	Eligible Project Cost:	\$1,950,000
Rank:	903		
County:	Ocean	Total State Amount:	\$1,950,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.02165
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.02165

**Project Name, Number**

Manchester Township  
S340650-08  
Water Efficiency / Water Meters

**Priority List Rank**

903

**County**

Ocean

**Existing Population**

21,650

**Service Area**

The service area is Manchester Township Water Utility's Eastern Service Area which is generally the eastern portion of the Township. It includes the areas east of Lakehurst, the military base (Joint Base McGuire-Dix-Lakehurst) and the Consolidated Rail tracks that lie just west of and parallel to State Highway Route 37 West as well as the proposed development area (approximately 1,000 acres) of the Heritage Minerals tract that lies to the west of the aforementioned Consolidated Rail tracks.

**Need for Project**

Consumer's water quality will be improved in those locations that water meters are being replaced since the existing water meters were manufactured long before the current standards were implemented. The current standards reduced the probability of lead leaching into water from drinking water system components including water meters.

**Project Description**

Install an automated water meter reading system capable of remotely reading meters without entering the properties at which they are located. Also, the project will include the replacement of meters that are beyond their expected service life.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	West Deptford Township		
Project No.:	S340947-06	Eligible Project Cost:	\$3,624,840
Rank:	904		
County:	Gloucester	Total State Amount:	\$3,624,840

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.021248
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.021248

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

West Deptford Township  
S340947-06  
Water Efficiency / Water Meters

**Priority List Rank**

904

**County**

Gloucester

**Existing Population**

21,248

**Service Area**

Project service area is confined to the limits of the Township boundary.

**Need for Project**

Provide an accurate accounting of water consumption to consumers for billing and ability to identify loss of water within distribution system by means of remote monitoring capabilities.

**Project Description**

Replacement and standardization of residential and commercial cold water meters within West Deptford Township to allow remote monitoring at a central designated location.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Phillipsburg Redevelopment Authority		
Project No.:	S340874-06	Eligible Project Cost:	\$9,215,958
Rank:	905		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Phillipsburg Redevelopment Authority  
S340874-06  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

905

**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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Highland Park Borough		
Project No.:	S340938-03	Eligible Project Cost:	\$2,400,000
Rank:	906		
County:	Middlesex	Total State Amount:	\$2,400,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.013982
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.013982

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Highland Park Borough  
S340938-03  
Equipment Purchase (Clean Water)

**Priority List Rank**

906

**County**

Middlesex

**Existing Population**

13,982

**Service Area**

The entire 1.8 square miles of the Borough

**Need for Project**

Non-Revenue Water, Compliance with Regulatory Requirements

**Project Description**

Replacement of customer-owned large diameter water meters with Borough-owned meters



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Somerville Borough		
Project No.:	S342013-01	Eligible Project Cost:	\$10,684,529
Rank:	907		
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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Somerville Borough  
S342013-01  
Non-Point Source (NPS) Pollution Controls

**Priority List Rank**

907

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Point Pleasant Beach Borough		
Project No.:	S340479-04	Eligible Project Cost:	\$1,930,000
Rank:	908		
County:	Ocean	Total State Amount:	\$1,930,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.007266
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.007266

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Point Pleasant Beach Borough  
S340479-04  
Equipment Purchase (Clean Water)

**Priority List Rank**

908

**County**

Ocean

**Existing Population**

7,266

**Service Area**

The service area for the proposed project includes the entire municipality.

**Need for Project**

Proposed project is intended to replace aging meters with current technology that is in compliance with AWWA standards, as well as, assist the Borough in tracking water usage and enhancing leak detection.

**Project Description**

The proposed project includes replacement of existing aging water meters with new SENSUS IPERL radio read smart point readers. The project will include disposal of the existing meters, installation of up to 3400 new water service meters throughout the Borough, and construction of a receiving base station (both hardware and software) to be located on the Borough's existing water tower in order to track water usage data. All replacement work will be done inside residential and commercial properties.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Bordentown City		
Project No.:	S340219-04	Eligible Project Cost:	\$2,820,000
Rank:	909		
County:	Burlington	Total State Amount:	\$2,820,000

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
Subtotal		50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.003924
BDA Points				0
Transit Villages				0
TOTAL POINTS				50.003924

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Bordentown City  
S340219-04  
Water Efficiency / Water Meters

**Priority List Rank**

909

**County**

Burlington

**Existing Population**

3,924

**Service Area**

Residential and Commercial Properties in which Bordentown City provides water supply.

**Need for Project**

New meters will provide more accurate use of water for residents and property owners.

**Project Description**

Bordentown City plans to replace approximately 5,760 flow meters for water supply to residential and commercial properties serviced by Bordentown City. The meters will provide a more accurate flow to water usage for each property and in turn will be used to determine rates for water usage.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Allentown Borough		
Project No.:	S340567-06	Eligible Project Cost:	\$664,520
Rank:	910		
County:	Monmouth	Total State Amount:	\$664,520

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

Possible Points	Points Scored
-----------------	---------------

CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
Subtotal		50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

Possible Points	Points Scored
-----------------	---------------

Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0
State Planning Commission				0
Population				0.001828
BDA Points				0
Transit Villages				0
TOTAL POINTS				50.001828

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Allentown Borough  
S340567-06  
Water Efficiency / Water Meters

**Priority List Rank**

910

**County**

Monmouth

**Existing Population**

1,828

**Service Area**

The entire Borough of Allentown

**Need for Project**

Most of the water meters are 20+ years old (average age is 16 years) and do not allow for remote reading. The new meters will allow the Borough to maintain more accurate records of water usage, locate water leaks more easily, and reduce maintenance and operating costs.

**Project Description**

The replacement of all existing water meters and specific curb valves throughout the Borough.



**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Ship Bottom Borough		
Project No.:	S340311-04	Eligible Project Cost:	\$2,568,400
Rank:	911		
County:	Ocean	Total State Amount:	\$2,568,400

**I. LOCAL ENVIRONMENTAL ENHANCEMENT PLANNING ACTIVITIES**

Possible Points	Points Scored
0-200	0

**II. PROJECT DISCHARGE TYPE**

	Possible Points	Points Scored
CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	250	0
Stormwater/NPS Management	225	0
Landfill Closure, Land Acq, Well Sealing	150	0
Landfill Constr, Site Remediation	75	0
Conduit Projects	50	0
Barnegat Bay Benefit	300	0
Green Infrastructure	50	50
	Subtotal	50

**III. WATER USE/WATER QUALITY POINTS**

**A. Water Use**

	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
			State Planning Commission	0
			Population	0.001156
			BDA Points	0
			Transit Villages	0
			TOTAL POINTS	50.001156

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Ship Bottom Borough  
S340311-04  
Water Efficiency / Water Meters

**Priority List Rank**

911

**County**

Ocean

**Existing Population**

1,156

**Service Area**

Water meters and pits will be installed at all residential dwelling units within the municipality.

**Need for Project**

This project will address the requirements of the previously issued water allocation permit.

**Project Description**

The Borough proposes to provide water meters in meter pits for every unmetered service connection within the Borough. The number of connections is approximately 1350. The Borough currently has 500 Sensus Meter installations. Ship Bottom has a shared service agreement with Stafford Township and the Township will install the 1350 meters over a 3 year period. Stafford & Ship Bottom also have a Cooperative Pricing System Agreement for meter pits and materials needed for the installation. Bid documents have been prepared and are included with this application.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-02	Eligible Project Cost:	\$21,889,460
Rank:	912		
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
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CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	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
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Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0/0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

**B. Existing Water Quality.**

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	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

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

**Project Name, Number**

Teterboro Borough  
S340339-02  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

912

**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.

**STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES**

Anticipated Recipient:	Teterboro Borough		
Project No.:	S340339-03	Eligible Project Cost:	\$33,535,341
Rank:	912		
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
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CSO/SSO	600	0
Treatment Plant Improvements	500	0
SS Rehabilitation	450	0
Sludge Disposal/Treatment	350	0
WW Reuse	300	0
Septic Repair	275	0
New Systems	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

## STATE OF NEW JERSEY PROPOSED AMENDMENTS TO THE FINAL CW IUP FOR FFY 2021 (and SFY 2022) - PROJECT NARRATIVES

**Project Name, Number**

Teterboro Borough  
S340339-03  
Remedial Action/Contaminated Site Cleanups (Brownfields)

**Priority List Rank**

912

**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.