

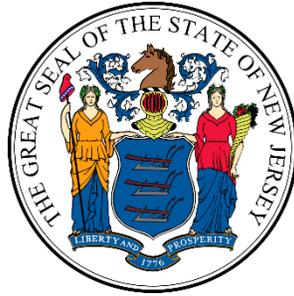
RESOLUTION NO. 15-08
RESOLUTION APPROVING
THE NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE TRUST
DISASTER RELIEF EMERGENCY FINANCING PROGRAM
PROJECT ELIGIBILITY LIST

WHEREAS, pursuant to N.J.S.A. 8:11B-9.5c, the New Jersey Environmental Infrastructure Trust (the "Trust") is required to submit to the Legislature a project priority list (hereinafter referred to as the "Disaster Relief Emergency Financing Program Eligibility List") for those projects or project sponsors eligible for a short-term or temporary loan from the Disaster Relief Emergency Financing Program Fund, at least once in each fiscal year;

NOW THEREFORE, BE IT RESOLVED, that the Trust Board of Directors hereby approves the Disaster Relief Emergency Financing Program Eligibility List set forth as Appendix A. ; and

BE IT FURTHER RESOLVED, that the Executive Director, in consultation with the Chairman or Vice Chairman, is hereby authorized and directed to take such other actions as are necessary or desirable to publish, file and distribute the Disaster Relief Emergency Financing Program Eligibility List.

| | |
|---------------------|--------------------|
| Adopted Date: | February 12, 2015 |
| Motion Made By: | Robert Briant, Jr. |
| Motion Seconded By: | Christine Campbell |
| Ayes: | 5 |
| Nays: | 0 |
| Abstentions: | 0 |



NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

DISASTER RELIEF EMERGENCY FINANCING PROGRAM PROJECT ELIGIBILITY LIST

Submitted to the State Legislature by

- ▶ The New Jersey Environmental Infrastructure Trust

FEBRUARY 12, 2015

New Jersey Environmental Infrastructure Trust

Public Board Members

Warren H. Victor, Chairman
Robert A. Briant, Jr., Vice Chairman
Roger Ellis, Treasurer
Mark Longo, Secretary

Ex-Officio Members

Andrew P. Sidamon-Eristoff, New Jersey State Treasurer
Bob Martin, NJDEP Commissioner
Richard E. Constable, III DCA Commissioner

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Bob Martin, DEP Commissioner
Richard E. Constable, III, DCA Commissioner

David E. Zimmer, CFA, Executive Director

February 12, 2015

TO: Honorable Members of the New Jersey State Legislature

FROM: Warren H. Victor, Chairman of the Board, New Jersey Environmental Infrastructure Trust

SUBJECT: Disaster Relief Emergency Financing Program Project Eligibility List

Introduction

The New Jersey Environmental Infrastructure Trust (Trust) is pleased to present the New Jersey Legislature (Legislature) with this report summarizing projects eligible to participate in the Disaster Relief Emergency Financing Program, also known as the “Statewide Assistance Infrastructure Loan Program” or “SAIL” pursuant to *N.J.S.A. 58:11B-9.5*. This report also summarizes SAIL funded projects to date.

Statewide Assistance Infrastructure Loan Financing Program (SAIL)

The legislation enacting SAIL was signed into law by Governor Christie in August of 2013 (P.L.2013, c.93). SAIL is specifically designed to offer municipalities and certain private water purveyors, quick access to temporary, low-cost, short-term funds as bridge loans in the aftermath of a disaster in lieu of federal program grants offered in the form of reimbursements. By their nature, such federal grant programs require communities to advance the cost of projects prior to the grant disbursement.

The expense of rebuilding the affected critical infrastructure components in the State can be a healthy undertaking and has the potential to strain the financial resources of many hard hit communities. Unique in the country as a method to provide bridge loan financing to targeted FEMA municipal recipients for environmental infrastructure projects, New Jersey’s SAIL Program is designed to alleviate these financial stress points.

Since being signed into law, the DEP and the Trust have worked with a number of essential stakeholders including a variety of potential borrowers as well as FEMA, NJOEM and the NJBA, to develop the SAIL Program and associated processes necessary to ensure its effective execution.

The first SAIL Program loan was issued to the South Monmouth Regional Sewerage Authority (SMRSA) on February 7, 2014 for the relocation of the Lake Como Pump Station (Lake Como Township) from a flood hazard area at a cost of \$2.9 million in short-term funding. The duration of the SAIL Loan is approximately 15 months expiring on June 30, 2015, providing funding throughout project construction. The SAIL Loan interest rate, at 25% of the AAA short-term market interest rate, is 0.045%.

The Program issued a second SAIL loan on September 23, 2014 in the amount of approximately \$1.5 million, again to SMRSA, for the replacement of its Pitney Avenue Pump Station. SMRSA's second SAIL loan was issued at an interest rate equivalent to twenty five percent (25%) of the 1-year AAA market rate resulting in an effective pass-through interest rate of 0.0325%. The loan expires on September 22, 2015, and will provide funding through to project construction completion. A third SAIL loan totaling approximately \$6.3 million to the Kearny Municipal Utilities Authority for the replacement of two pump stations is expected to close in February. To date, the Trust has disbursed a total of \$1.79 million to SMRSA for the Lake Como Station Project.

We look forward to meeting with the Legislature to discuss this year's SAIL Financing Program. We and our staff remain available to answer any questions you may have regarding the SAIL projects set forth in the eligibility list contained within this Report.

Thank you for your time and continued support for this worthwhile, infrastructure financing program.

A handwritten signature in blue ink that reads "Warren Victor". The signature is written in a cursive, flowing style.

Warren H. Victor, Chairman
NJ Environmental Infrastructure Trust

DISASTER RECOVERY EMERGENCY FINANCING PROGRAM PROJECT ELIGIBILITY LIST

FINANCING PROGRAM BACKGROUND

INTRODUCTION

This Disaster Recovery Emergency Financing Program Eligibility List (Eligibility List) is submitted to the New Jersey State Legislature (Legislature) in accordance with *N.J.S.A. 58:11B-9.5*. It has been prepared by the New Jersey Environmental Infrastructure Trust (“Trust”) which funds and manages the “Disaster Relief Emergency Financing Program” also known as the “Statewide Assistance Infrastructure Loan Program” or “SAIL.” This report sets forth the projects potentially eligible to receive short-term loans for environmental infrastructure projects to repair damage incurred during disasters and/or improve the resiliency of infrastructure in future disasters and summarizes SAIL Loans issued to date. Legislative notification of SAIL projects is a prerequisite to SAIL funding pursuant to *N.J.S.A. 58:11B-9.5* and this report is submitted to the legislature in satisfaction of this obligation.

SAIL FINANCING PROGRAM SUMMARY

OVERVIEW

Authorized in SFY2014, the Trust developed and implemented the SAIL Program to assist those communities, in counties which were impacted by a declared disaster, to finance environmental infrastructure projects to repair impacted systems or improve resiliency to systems that might have otherwise been impacted by such disasters.

SAIL loans are available to local government units seeking short-term funding assistance to address immediate cash flow needs for their disaster related water infrastructure projects whether it be for local match requirement and/or in anticipation of reimbursement through federal grant programs such as the Federal Emergency Management Act (FEMA) and Housing and Urban Development Community Development Block Grants (CDBG). SAIL Loans are typically fixed 25% market rate short term loans, the market rate of which is determined at SAIL loan closing. SAIL loans may be issued for terms not to exceed three fiscal years (up to 47 months).

LOAN PREREQUISITES

SAIL Loan prerequisites include:

- a. Submission of a Letter of Intent and environmental planning documents;
- b. Issuance of applicable project permits;
- c. Approval of construction design documents and State and Trust loan applications;
- d. If an applicant seeks SAIL financing for short-term cash flow needs in anticipation of federal reimbursement (e.g., FEMA), the application review will also require satisfaction of the requirements of the federal program from which reimbursement is or will be sought;
- e. A certification by the Commissioner of the Department of Environmental Protection that the Project is necessary and appropriate to

- i. repair damage to a wastewater treatment system or water supply facility directly arising from an act of terrorism, seismic activity or weather conditions that occurred within the prior three State Fiscal Years and that gave rise to a declaration by the Governor of the State (the “Governor”) of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration, or
 - ii. mitigate the risk of future damage to a wastewater treatment system or water supply facility from an act of terrorism, seismic activity or weather conditions comparable in scope and severity to an act of terrorism, seismic activity or weather conditions that occurred within the prior three State Fiscal Years and that gave rise to a declaration by the Governor of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration;
- f. The Project is listed on the SAIL Disaster Relief Emergency Financing Program funding Eligibility List submitted to the Legislature. The current SAIL Eligibility List is included in Appendix A of this Report and submitted to the legislature pursuant to *N.J.S.A. 58:11B-9.5(c)*;
- g. The proposed Borrower has submitted a complete application for the Project to the Trust; and
- h. The Board of Directors of the Trust has certified the Project.

Projects are funded in the order of approval. To the extent funds become limited, funding will be allocated on a first applied, first approved basis.

LOAN PACKAGES

The repair of facilities damaged during disasters is often impossible without utilization of State and federal grant programs. However, proceeding with the immediate repair of damaged facilities absent compliance with unique requirements of each program jeopardizes funding for such activities. A primary objective of SAIL is to reduce the complexity of funding projects through multiple funding sources by providing funds for all aspects of project needs, and providing expertise in compliance with state and federal funding programs, which permits project sponsors to focus their efforts on project construction

Often, a project sponsor will secure short-term SAIL financing to meet cash flow needs in anticipation of reimbursement of federal funds (FEMA/HUD) as well as long-term financing for non-reimbursable costs (typically local share). These SAIL projects will be certified for compliance with SAIL and NJEIFP program requirements as well as the program requirements of the applicable federal program from which reimbursement is sought. Accordingly, the review and approval of such projects must contemplate satisfaction of multiple federal funding programs. These borrowers receive a SAIL loan for both reimbursable and eligible non-reimbursable project costs and one or more long-term loans for project costs for which federal reimbursement are not received. The structure of such loans will reflect the underlying short-term loan vehicle (IFP Loan or SAIL Loan) as well as the long-term loan vehicle (Base SFY2016 NJEIFP, Sandy NJEIFP, Trust Only Loan or combination thereof).

FEMA funding eligibility is at risk if EPA capitalization grants are utilized for any portion of long-term loans. Therefore, significant resources are being committed to ensure consistency of funding sources. Moreover, given the need for project expenses to meet FEMA / HUD requirements as a condition of reimbursement, and the need to have such applications approved expeditiously, the program has retained an outside engineering consulting firm to assist in the review of construction design and eligible costs, conduct site visits and review disbursements. Unreimbursed amounts will be paid for by SAIL program borrowers which will be incorporated into the long-term financing program package.

LOAN FUNDING SOURCES / INTEREST RATES

Each SAIL Loan will be funded through a combination of DEP funds and Trust funds. The source of funds for DEP funding consists of prior loan repayments (capitalization grants previously issued as project loans and subsequently repaid) and the source of funds for Trust funding consists of Trust operating funds or lines of credit. Typically, 75% of each SAIL loan will consist of a DEP zero interest loan and 25% of each Loan will consist of a Trust market rate loan, resulting in an effective market rate of 25% for each loan. SAIL Loans may be made for up to three fiscal years and are intended to be in place for the duration of construction.

PROJECT ELIGIBILITY

SAIL loans are available for environmental infrastructure projects with a primary focus on clean water and drinking water construction, rehabilitation and repair of systems which are owned and/or operated by local government units and public water utilities. Projects eligible to receive Clean Water funding are wastewater treatment and storm water management and non-point source pollution control projects, landfill closures, open space land acquisition and conservation, brownfield remediation and well sealing. Projects eligible to receive Drinking Water funds are those that seek to achieve compliance with existing regulations for contaminants with acute or chronic health effects, projects that address the exceedance of a recommended upper limit for a secondary contaminant and those that address water supply issues related to public health protection. Such projects include the rehabilitation or development of sources to replace contaminated water sources, install or upgrade treatment and storage facilities, install or replace transmission and distribution pipes to prevent contamination or improve water pressure to safe levels, and install and enhance upgrades to security measures.

In an effort to encourage timely completion of environmental infrastructure projects, SAIL Loans are issued on a first-come first served basis.

STATUS OF EXISTING SAIL PROJECT APPLICATIONS

The Project Eligibility list consists of twenty seven (27) projects at a total estimated cost of \$324,429,798. Of that total, twenty two (22) projects at a total cost of \$171 million reflect projects identified in Letters of Intent received in October of 2014. Details regarding these projects is set forth in Appendix A of the Report, and are submitted to the legislature in satisfaction of N.J.S.A. 58:11B-9.5.

As of February 1, 2015, applications for SAIL financing have been received for seven (7) SAIL projects at an estimated cost of \$142,443,196 million. These projects will all improve the resiliency of waste water facilities adversely impacted during Superstorm Sandy. These SAIL loans will facilitate the cash flow needs of the borrowers and minimize the financial stress on the affected community's rate payers and taxpayers as well as allow the undertaking of construction projects months in advance of when such projects might have otherwise begun. SAIL participants also enjoy a number of unique benefits. First, there is an abbreviated application review period for Applicants. Later, Borrowers benefit from a streamlined FEMA reimbursement process: (1) SAIL reimburses borrowers within an average of eight (8) days of receipt of requests for reimbursement, which is a marked improvement relative to project sponsors seeking reimbursement individually; and (2) SAIL staff possess an expertise in FEMA and guide borrowers in the proper structuring of reimbursement requests to reduce the frequency of unreimbursed costs.

Engineering design has been received for seven (7) contracts within five (5) projects at a total cost of \$142,527,827. Two (2) contracts at a total cost of \$39,672,908 have been authorized to solicit construction bids. It is anticipated that authorizations to solicit construction bids for an additional three (3) contracts at a total cost of \$14,386,839 will be issued by June 30, 2015.

STATUS OF EXISTING SAIL PROJECT CONSTRUCTION

A status of all projects funded through SAIL is set forth in Appendix B. SFY 2015 was the charter year for the SAIL Program. The first project funded through SAIL was the South Monmouth Regional Sewerage Authority (SMRSA) for the relocation of the Lake Como Pump Station (Lake Como Township) from a flood hazard area at a cost of \$2.9 million in short-term funding. The duration of the SAIL Loan is approximately 15 months, commencing on February 7, 2014 and expiring on June 30, 2015, providing funding throughout project construction.

The SAIL Loan consisted of a Trust only loan with funding sources from the DEP and the Trust: seventy five percent (75%) and twenty five percent (25%) of the loan respectively. The loan interest rate, at 25% of the AAA short-term market interest rate, is 0.045%. The source of funds for DEP funding consists of prior loan repayments (capitalization grants previously issued as project loans and subsequently repaid) and the source of funds for Trust funding consists of Trust operating revenues.

The Program issued a second SAIL loan in FY2015 in the amount of approximately \$1.5 million, again to SMRSA, for the replacement of its Pitney Avenue Pump Station. SMRSA's second SAIL loan was issued at an interest rate equivalent to twenty five percent (25%) of the 1-year AAA market rate resulting in an effective pass-through interest rate of 0.0325%. The loan was issued on September 23, 2014 and expires on September 22, 2015, and will provide funding through to project construction completion. A third SAIL loan totaling approximately \$6.3 million to the Kearny Municipal Utilities Authority for the replacement of two pump stations is expected to close in February.

To date, the Trust has received 6 requisitions and disbursed a total of \$1.79 million to SMRSA for the Lake Como Station Project. The average rate of processing and approving expense disbursements to borrowers is less than ten days from receipt of requisition, a significant improvement relative to sub-grantees' direct submissions to FEMA and a central benefit of the SAIL Program. The Trust reviews each requisition submission in detail with the New Jersey Office of Emergency Management (OEM). OEM reimbursed 90% of the first requisition (\$160,000) within 45 days of receipt.

APPENDICES INDEX

Appendix A: Statewide Assistance Infrastructure Loan (Disaster Relief Emergency Financing Program) Eligibility List

Appendix B: Statewide Assistance Infrastructure Loans Issued to Date

Appendix A
Statewide Assistance Infrastructure Loan Program
(Disaster Relief Emergency Financing Program)
Project Eligibility List

| Sponsor | Project No. | Summary | Est. Amount |
|-----------------------------------|--------------------|--|--------------------|
| Barnegat Township | S340620-07 | 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. | \$580,000 |
| Bayshore Regional Sewer Authority | S340697-05 | Restoration and Mitigation of Various Plant Buildings (dry flood-proofing of Admin Bldg., Mitigation of Laboratory/Office Bldg., Electrical & Mechanical Room dry flood-proofed, mitigation of Odor Control Bldg., & Odor Control Scrubbers 1 – 5, mitigation scope dry flood-proofing of Primary Sludge PS #2, Return Sludge PS #2, mitigation technique for the Hypochlorite Bldg. is to dry flood-proof the control room, proposed wet flood-proofing mitigation for the Fire Water PS, mitigation & restoration work for both the Main and the Return Sludge Pump Stations. Return Sludge Bldg. (Bunker) & Return Sludge Station #1. | \$42,791,000 |
| Bayshore Regional Sewer Authority | S340697-06 | Permanent restoration and mitigation of the existing Blower Building No. 1 and existing Blower Building No. 2 at the Bayshore Regional Sewerage Authority's (BRSA) Water Pollution Control Plant as well as the permanent restoration and mitigation of the treatment plant's power distribution system. | \$8,121,280 |
| Bergen County Utilities Authority | S340386-14 | Restoration and mitigation measures of plant-wide treatment components as a result of Superstorm Sandy. | \$54,645,400 |
| Bergen County Utilities Authority | S340386-15 | Restoration and mitigation measures for the plant-wide anaerobic digesters, switch gear, substation, generators and co-generation components as a result of Superstorm Sandy. | \$42,543,100 |
| Bergen County Utilities Authority | S340386-16 | Restoration of plant-wide treatment components as a result of Superstorm Sandy. | \$19,907,200 |
| Bergen County Utilities Authority | S340386-18 | Restoration and mitigation measures of plant-wide treatment components as a result of Superstorm Sandy. | \$2,545,600 |

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| Camden City | 0408001-022 | Installation of replacement potable wells with unacceptable low yields. The project will also reduce the energy consumed by decreasing the intake head. Elevation of the well heads above the hundred year will harden and protect the asset in case of future flooding. | \$1,200,000 |
| East Orange City | 0705001-500 | Replace two existing emergency diesel engines which only partially power East Orange Water Commission (EOWC) water system facilities, with a new, larger 2-megawatt (MW) generator that will enable EOWC to provide full backup power to its well pumps and White Oak Ridge Pumping Station, as well as a proposed centralized air stripper facility to treat its 18 wells. This project will enable the EOWC to deliver its full allocation capacity of up to 11.2 million gallons per day during commercial power outages, and thus eliminate the need for water purchases from other purveyors during these periods, resulting in significant cost savings while improving water system reliability and resiliency during a storm or other power outage-related event. | \$4,484,440 |
| Kearny Municipal Utilities Authority | S340259-07 | Project is for the Kearny Point & Harrison Avenue Pump Stations owned by Kearny MUA and includes repairs to the facilities due to the damages incurred during Superstorm Sandy, provide mitigation measures to increase the resiliency of the pump station for the future and replace some of the equipment that are at the end of their useful life. | \$7,077,000 |
| Long Beach Township | 1517001-502 | Remove & replace the deteriorated raw water concrete reservoir and replace with a new above ground steel tank of equal volume and associated aerator; demolish and reconstruct the filter room and pumps to the 500 year flood elevation; raise Well #4 and construct a new building to the meet the 500 year flood elevation, and install a new Scada system. | \$2,673,640 |
| Manasquan Borough | 1327001-002 | A project to improve resiliency of environmental infrastructure in future disasters and to improve the quality of the Borough's drinking water. The project includes construction of a 600 LF, 8 in. water main on Perrine Blvd to connect two water mains and loop the existing system. To protect and increase the resiliency of the existing and new infrastructure and minimize storm-related damages, the project area will be elevated as much as possible; Perrine Blvd and the bulkheads in the project area will be elevated and reconstructed. Improvements associated with the project include: concrete curb and gutter work; stormwater conveyance and water quality enhancement activities such as structures, pipes, and inlets; improvements and restoration of the bulkhead and road; and reinstallation of water and electric service at the bulkhead and marina. | \$990,000 |

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| Manasquan Borough | S340450-01 | A resiliency project for systems adversely impacted by Superstorm Sandy; the pump station electric system and controls were compromised during the storm and bulkheads were undermined. The project includes: elevation of the E Virginia Ave pump station using FEMA obligated funds to mitigate impacts of future flooding during high tides and storm events; infrastructure protection and stormwater conveyance measures; an enclosure for the elevated pump station; and reconstruction and elevation of bulkheads at Borough property along Perrine Blvd. Improvements will be made to fill in between the reconstructed bulkheads and roads as well as to reinstall water and electric service to the marina. | \$5,169,100 |
| Marlboro Township | 1328002-501 | Purchase of a 1.0 Megawatt Portable Generator to provide power to either the Harbor Road or Tennent Road Water Treatment. | \$1,450,000 |
| Middlesex County Municipal Utilities Authority | S340699-12 | The MUA is intending to replace and protect equipment for mitigation and restoration purposes at the Sayreville Pump Station. The equipment that is being replaced was damaged during Hurricane Sandy and had its reliability significantly reduced. Costs included in this application represent both restoration & mitigation costs for the pump station. | \$77,009,000 |
| Middlesex County Municipal Utilities Authority | S340699-13 | Project's scope of work includes the restoration of the MUA's Edison Pump Station process equipment, controls, power distribution equipment, building contents, and building elements that were damaged by the Hurricane Sandy event; the replacement of an existing temporary bypass pumping system with the installation of a permanent bypass pumping system capable of handling 50-MGD wastewater flows; and the construction of flood hazard mitigation measures including flood-proofing of the Pump Station buildings & northwest tunnel access shaft to the 100-year flood elevation. | \$15,884,000 |
| Newark City | 0714001-500 | Provide standby emergency generators at two water transfer pump stations of City of Newark to be able, during power outage events such as Superstorm Sandy, to provide water to Newark's Cedar Grove balancing reservoir and other water purveyors through interconnections at Wayne and Clifton. | \$1,200,000 |
| North Jersey District Water Supply Commission | 1613001-034 | Resiliency against an act of terrorism | \$1,378,000 |
| North Jersey District Water Supply Commission | 1613001-033/503 | Resiliency against an act of terrorism | \$3,724,500 |

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| Passaic Valley Sewerage Commission | S340689-25 | Rehabilitation of the PVSC Administration Building which was flood damaged due to Superstorm Sandy. | \$10,625,000 |
| Passaic Valley Sewerage Commission | S340689-30 | 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) 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. | \$1,799,918 |
| Passaic Valley Sewerage Commission | S340689-33 | 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. | \$6,028,420 |
| Perth Amboy City | S340435-11 | The replacement of 3 existing pumps with dry pit submersible pumps, relocate all essential electrical equipment to the second floor mezzanine, modify the bar screens/wet well room to flood protect it from external flood waters and sewer system surcharging, installation of flood walls to protect boiler system and stand-by generator to reduce flood damage risk and vulnerability and enhance the resiliency to a future natural disaster. | \$895,200 |
| Rahway Valley Sewer Authority | S340547-16 | Modifications to the controls in order to allow for black start of the Cogeneration Engines; installation of a redundant electric distribution bus; installation of heat exchangers that would allow for recovery of exhaust heat from the Cogeneration Engines for use in the plant hot water loop; installing flood proof doors on the Administration Building in order to prevent flooding of the building basement; and the installation of a tide gate in order to prevent the backflow of water from the Rahway River through the plant's emergency outfall. | \$1,020,000 |

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| Roselle Borough | S340332-02 | Sanitary sewer system improvements to sanitary sewer mains including the cleaning, television inspection and lining of approximately 3 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. Decrease the amount of I/I that enters the system by utilizing cured-in-place (CIP) lining techniques for the majority of the project where improvements are warranted. Where lining is not an option due to pipe section collapses, in-kind sanitary sewer pipe replacement within the existing trench box shall be performed. Sanitary manhole rehabilitation is anticipated in order to stabilize structures where needed. | \$3,562,000 |
| Sea Girt Borough | S340468-01 | Repairs and upgrades to the stormwater drainage system, including the upgrading of pipe sizes and the extension of Baltimore Blvd. and Neptune Place outfall pipes. | \$4,356,000 |
| South Monmouth Regional Sewer Authority | S340377-05 | Various mechanical, structural and electrical improvements to the existing Belmar Pump Station including replacement of the existing pumping equipment with new dry pit submersibles; construction of a new below ground grinder chamber; demolition of the existing pump station building; and 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. | \$2,770,000 |
| No. of Projects: 27 | | Total Estimated Cost: | \$324,429,798 |

Appendix B
Statewide Assistance Infrastructure Loan Program
(Disaster Relief Emergency Financing Program)
LOANS ISSUED TO DATE

| Sponsor | Project No. | Project Name | Loan Amount |
|---------------------------|--------------------|--|--------------------|
| South Monmouth RSA | S340377- 03 | <u>Lake Como Pump Station.</u> The Authority is making various mechanical, structural and electrical improvements to multiple existing sanitary sewer pump stations damaged by Superstorm Sandy. Improvements include replacement and/or relocation of the control building, replacement of mechanical and electrical equipment/emergency generators, pumps, piping and other ancillary equipment, modifications to existing gravity sewer and force main connections and storm proofing of the pump stations for future protection. | \$2,950,391 |
| South Monmouth RSA | S340377- 04 | <u>Pitney Pump Station Improvements.</u> The Authority is making various mechanical, structural and electrical improvements to three (3) existing sanitary sewer pump stations that were damaged by Superstorm Sandy. Improvements include replacement and/or relocation of the control building, replacement of mechanical and electrical equipment, modifications to existing gravity sewer and force main connections and stormproofing of the pump stations for future protection. | \$1,532,225 |
| No. of Projects: 2 | | Total Loan Amount: | \$4,482,616 |

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