

Robert A. Briant, Jr., Vice Chairman Roger Ellis, **Treasurer** Mark Longo, Secretary Ford M. Scudder, State Treasurer Bob Martin, DEP Commissioner Charles A. Richman, DCA Commissioner

David E. Zimmer, Executive Director

TO: Senator Stephen Sweeney

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State House Annex, P.O. Box 068, Room 370

David Zimmer, CFA, Executive Director FROM:

New Jersey Environmental Infrastructure Trust

DATE: October 5, 2017

SUBJECT: NJ Environmental Infrastructure Financing Program (NJEIFP) Base **SFY2018** & Superstorm

Sandy Second Amended Interim Finance Program Project Priority List

This will confirm that the NJEIFP Base SFY2018 & Superstorm Sandy Second Amended Interim Finance Program Project Priority List is enclosed for the following individuals in the format as indicated:

- The President of the Senate and the Speaker of the House:
 - a hard copy <u>and</u> compact disc (CD)
- The New Jersey State Library:
 - o six (6) hard copies
 - electronic version emailed to dmercer@njstatelib.org
- The Office of Legislative Service:
 - o four (4) compact discs (CD) and four (4) hard copies

A copy of this report is posted on NJEIT's website at www.njeit.org, under "Funding Programs", "Program Publications", and the specific Program Information year.

The Chairs of each of the following Legislative Committees are being provided one (1) compact disc (CD) under separate cover:

- Senate Environmental & Energy
- Senate Budget & Appropriations
- Assembly Appropriations
- Assembly Environment & Solid Waste

cc: Jennifer A. McQuaid, Secretary of the Senate
Dana M. Burley, Clerk of the General Assembly
NJEIT Trust Board Members
Thomas Huth, Associate Counsel, Governor's Authorities Unit
Clifford Rones, Deputy Attorney General, NJ Attorney General's Office
Daniel Kennedy, Assistant Commissioner, NJ Department of Environmental Protection
Michele Putnam, Assistant Director, NJ Department of Environmental Protection



New Jersey Environmental Infrastructure Financing Program Base State Fiscal Year 2018 and Superstorm Sandy

2nd Amended Interim Financing Program Project Priority List

Submitted to the State Legislature by:

- ► The New Jersey Environmental Infrastructure Trust
- ► The New Jersey Department of Environmental Protection

October 2017

New Jersey Environmental Infrastructure Trust

Public Board Members

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

Ex-Officio Members

Ford Scudder, New Jersey State Treasurer Bob Martin, DEP Commissioner Charles A. Richman, DCA Commissioner

Executive Director

David E. Zimmer, CFA

New Jersey Department of Environmental Protection

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New Jersey Environmental Infrastructure Trust

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3131 Princeton Pike Building 4, Suite 216 Lawrenceville, NJ 08648

Report to the Legislature Pursuant to

P.L. 1985, Chapter 334
New Jersey Wastewater
Treatment Trust Act of 1985
as amended by P.L. 1997, Chapter 224

Ву

Bob Martin

Commissioner
New Jersey Department of Environmental Protection

Robert A. Briant, Jr., Vice-Chairman
New Jersey Environmental Infrastructure Trust



Robert A. Briant, Jr., Vice Chairman Roger Ellis, Treasurer Mark Longo, Secretary Ford M. Scudder, State Treasurer Bob Martin, DEP Commissioner Charles A. Richman, DCA Commissioner

David E. Zimmer, Executive Director

TO: Honorable Members of the New Jersey State Legislature

FROM: Robert A. Briant, Jr., Vice Chairman of the Board,

New Jersey Environmental Infrastructure Trust

SUBJECT: State Fiscal Year 2018 Second Amended Interim Financing Program Project Priority List for

Short-Term Funding in the New Jersey Environmental Infrastructure Financing Program

Overview – The New Jersey Environmental Infrastructure Trust (the "Trust") is pleased to present to the New Jersey State Legislature, an <u>amended</u> Project Priority List consisting of three hundred and ninety-six (396) projects at a total estimated cost of \$3.67 billion, including twenty-eight (28) additional projects for which applications were received since June 1, 2017 for State Fiscal Year ("SFY") 2018 in accordance with P.L. 1985,

Chapter 334, as amended. This list is a complete compilation of all projects seeking financing.

Background – Since issuing the first loan in 1987, the Trust has partnered with the Department of Environmental Protection ("DEP") to jointly fund and manage the annual New Jersey Environmental Infrastructure Financing Program ("NJEIFP"), which provides efficient, low-cost financing for environmental infrastructure projects. The NJEIFP leverages Federal and State Revolving Funds ("SRF") with Trust publicly issued bonds to provide the lowest possible interest rate loans to participants for the construction of environmental infrastructure projects.

Short-Term Loan Priority List — As part of the NJEIFP, the Trust issues short-term loans to facilitate the construction process. The Trust's Enabling Act requires that any project receiving short-term financing must be included on the interim financing project priority list ("Priority List") submitted to the Legislature, and must be sponsored by an eligible borrower. The Priority List for SFY2018 was submitted to the Legislature as part of the NJEIFP's SFY2018 Priority System and Project Priority List in January 2017 (the "January Report"). It was also submitted to the Legislature in May 2017 as part of the Trust Financing Program Base SFY2018 and Superstorm Sandy Financial Plan (the "May Report"), limited to projects receiving authorization to award construction on or before March 15, 2017. Most recently, the First Amended Project Priority List was submitted to the Legislature on July 1, 2017. The Trust Enabling Act (P.L.2016, c. 30) authorizes the Trust to amend the Priority List four times during the fiscal year. This submission serves as the second such amendment.

Projects – The First Amended Interim Financing Program Priority List for SFY2018 submitted on July 1, 2017, lists 370 projects on the Priority List costing \$3.36 billion. The Second Amended Interim Financing Program Project Priority List for SFY2018 submitted herewith reflects the <u>revision</u> of the estimated cost of 22 projects (identified in **BOLD**) and the <u>addition</u> of twenty-eight (28) new projects (identified in **Green**). As is customary, the SFY2018 Priority List is presented as two project lists; Clean Water projects are listed in Appendix A and Drinking Water projects in Appendix B. The projects are presented alphabetically with project prioritization

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information. The NJEIFP's project prioritization methodology is the means by which limited financing program funds are distributed among eligible projects. The detailed ranking methodologies for Clean Water and Drinking Water Projects are set forth in the NJEIFP's Federal FY2017 Intended Use Plans available at https://www.njeit.org/program-publications.

APPENDIX A

SFY2018 Clean Water Second Amended Project Priority List Base & Sandy Financing Program October 2017

-- Alphabetical Order --

| Rank | Applicant | Project Number | Project Name | Estimated Cost | | | |
|------|--|-------------------|---|----------------|--|--|--|
| | SUPPLEMENTAL LOANS | | | | | | |
| | Burlington Township | S340712-14-1 | Sewer Rehabilitation | \$200,000 | | | |
| | Manasquan Borough | S340450-01-1 | Electrical system, Bulkheads, Stormwater, PS Improvement | \$2,110,000 | | | |
| | Mendham Township | S340477-01-1 | Effluent Disposal Repair | \$2,154,000 | | | |
| | North Hudson Sewer Authority | S340952-19-1 | Combined Sewer Improvements | \$200,000 | | | |
| | Ventnor City | S340667-02-1 | Stormwater Management | \$5,000,000 | | | |
| | Wanaque Valley Reg. Sewer Authority | S340780-04-1 | 2013 Proposed Improvements | \$1,500,000 | | | |
| | Total Number Clean Water Supplemental Projects: | 6 | Subtotal: | \$11,164,000 | | | |
| | | BASE & SUPERSTO | DRM SANDY LOANS | | | | |
| 641 | Aberdeen Township | S340869-02 | Sanitary Sewer and PS Upgrades | \$9,000,000 | | | |
| 193 | Allentown Borough | S340567-05 | Sewer Plant Modifications | \$3,112,994 | | | |
| 894 | Asbury Park City | S340883-08 | Sewer Plant | \$63,000,000 | | | |
| 73 | Atlantic County Utilities Authority | S340809-23 | Treatment Plant Resiliency (SANDY) | \$11,040,000 | | | |
| 303 | Atlantic County Utilities Authority | S340809-24 | Pump Station Resiliency | \$800,000 | | | |
| 73 | Atlantic County Utilities Authority | S340809-25 | Seawall (SANDY) | \$17,520,000 | | | |

| KEY | | |
|--------------------------|---|--|
| Green Text = New Project | Bold = Updated information on an Existing Project | |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 73 | Atlantic County Utilities Authority | S340809-26 | Sewage Treatment Plant Mitigation Projects | \$1,500,000 |
| 73 | Atlantic County Utilities Authority | S340809-27 | Automated Bar Screen Replacement | \$3,200,000 |
| 506 | Atlantic County Utilities Authority | S340809-28 | Sewer Sludge Incinerator Improvements | \$4,100,000 |
| 303 | Atlantic County Utilities Authority | S340809-29 | Replace a portion of Brigantine Force Main | \$4,300,000 |
| 824 | Avon By The Sea Borough | S340335-03 | Sylvan Lake Water Quality Project | \$12,488,850 |
| 70 | Bayshore Regional Sewer Authority | S340697-05 | Waste Water Treatment Plant Restoration and Resiliency (SAIL) | \$28,200,000 |
| 70 | Bayshore Regional Sewer Authority | S340697-06 | Restoration / Mitigation of Blower Bldg. & Power Distribution System (SAIL) | \$15,100,000 |
| 816 | Bellmawr Borough | S342011-02 | Waterfront Development Remediation | \$68,400,000 |
| 191 | Berkeley Township | S344020-02 | Water Quality Retention Basin at Moorage Park | \$905,063 |
| 460 | Bradley Beach Borough | S340472-01 | Sewer Main Installation and Repairs - Phase I | \$2,700,000 |
| 778 | Bradley Beach Borough | S340472-02 | Bradley Boulevard Stormwater Rehab | \$2,590,050 |
| 320 | Brick Township Municipal Utilities Authority | S340448-11 | Wastewater Pump Station Rehabilitation - Phase II | \$5,278,297 |
| 425 | Brigantine City | S340827-04 | Emergency Generators (SANDY) | \$3,300,000 |
| 744 | Brigantine City | S340827-05 | Flood Control and Pump Station Improvements (SANDY) | \$4,600,000 |
| 744 | Brigantine City | S340827-06 | Municipal System Improvements | \$1,001,066 |
| 672 | Burlington City | S340140-01 | Stormwater Pump Upgrades | \$1,700,000 |
| 373 | Burlington Township | S340712-15 | Sanitary Sewer Rehabilitation | \$1,100,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 373 | Burlington Township | S340712-16 | Sanitary Sewer Rehabilitation | \$960,000 |
| 27 | Camden City | S340366-07 | 2014 Sanitary/Combined Sewer Rehab / Replacement Project | \$59,000,000 |
| 27 | Camden City | S340366-12 | Cooper Street Pump Station | \$2,300,000 |
| 27 | Camden City | S340366-13 | Rehabilitation of Arch Street Pump Station | \$12,000,000 |
| 27 | Camden City | S340366-14 | Rehabilitation of Ten (10) Combined Sewer Outfalls | \$9,370,000 |
| 27 | Camden City | S340366-15 | Rehabilitation of Combined Sewer Overflow and Regulator Chambers | \$13,330,000 |
| 19 | Camden County Municipal Utilities Authority | S340640-16 | Wastewater Treatment Plant Improvements | \$13,300,000 |
| 3 | Camden County Municipal Utilities Authority | S340640-17 | Reduce Potential for Combined Sewage overflow flooding within City | \$3,500,000 |
| 33 | Camden County Municipal Utilities Authority | S340640-18 | Phase I upgrades, improve/sustain optimal wastewater performance (SANDY) | \$84,030,000 |
| 1 | Camden County Municipal Utilities Authority | S340640-19 | Camden City Green and Grey Infrastruct. Project, Phase 4 | \$11,500,000 |
| 2 | Camden County Municipal Utilities Authority | S340640-20 | Camden City Green Infrastructure | \$6,500,000 |
| 11 | Camden County Municipal Utilities Authority | S340640-21 | Camden City Waterfront Stormwater Pumping Station | \$32,500,000 |
| 11 | Camden County Municipal Utilities Authority | S340640-22 | Upgrades to Camden City's Combined Sewer Overflow System | \$13,000,000 |
| 11 | Camden County Municipal Utilities Authority | S340640-23 | Dredging of Camden City's Combined Sewer Overflows to Reduce Combined Sewage Flooding | \$13,000,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 4 | Camden County Municipal Utilities Authority | S340640-24 | Upgrade of Camden County Wastewater Treatment Plant To Increase Wet Weather Capacity | \$6,500,000 |
| 4 | Camden County Municipal Utilities Authority | S345040-01 | Camden City and Gloucester City Long Term Combined Sewage Overflow Control Plan | \$1,049,636 |
| 899 | Camden County PCFA | S342025-01 | Pennsauken Sanitary Landfill Expansion and Liner Enhancement Project | \$14,060,804 |
| 897 | Carteret Borough | S340939-07 | Dredge sediment & construct bulkhead / slope stabilization | \$9,000,000 |
| 719 | Carteret Borough | S340939-09 | Noe Street Stormwater Pump Station Construction (SANDY) | \$15,010,000 |
| 176 | Cinnaminson Sewerage Authority | S340170-07 | Sewer Treatment Plant Improvements | \$9,000,000 |
| 606 | Cinnaminson Sewerage Authority | S340170-08 | Taylor's Lane Sewer Extension (SANDY) | \$1,160,000 |
| 87 | Cliffside Park Borough | S340847-04 | Combined Sewer Separation | \$5,300,000 |
| 677 | Cranford Township | S340858-04 | Stormwater constr. various locations to improve drainage/prevent flooding | \$12,000,000 |
| 610 | Cumberland County | S340438-01 | Downe Wastewater Infrastructure | \$16,000,000 |
| 124 | Cumberland County Utilities Authority | S340550-07 | Sewage Treatment Plant Improvements | \$1,300,000 |
| 260 | Cumberland County Utilities Authority | S340550-08 | Pump Station Replacement & Plant Improvements | \$1,300,000 |
| 132 | Delran Township | S340794-08 | Replace existing sand filter @ Waste Water Treatment Plant & rehab Twps. Fifth St Pump Station | \$2,000,000 |
| 826 | Edison Township | S342020-01 | Edison Landfill Closure | \$13,000,000 |
| 346 | Egg Harbor Township Municipal Utilities Authority | S340753-06 | FAA Pump Station Reconstruction | \$700,000 |

KEY

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 51 | Elizabeth City | S340942-13 | Western Interceptor Modifications | \$13,146,000 |
| 51 | Elizabeth City | S340942-17 | South Street Flood Control Project (SANDY) | \$5,500,000 |
| 51 | Elizabeth City | S340942-18 | Progress Street Resiliency | \$8,200,000 |
| 32 | Elizabeth City | S340942-19 | Trumbull Street Flood Control Project | \$7,700,000 |
| 51 | Elizabeth City | S345070-01 | City of Elizabeth Combined Sewer Overflow Long Term Control Plan | \$4,000,001 |
| 438 | Emerson Borough | S340497-01 | Small System Asset Management Plan | \$100,000 |
| 331 | Franklin Township Sewerage Authority | \$340839-07 | Foxwood Drive Area – South Crossing Inflow & Infiltration Reduction | \$1,960,000 |
| 0 | Glen Ridge Borough | S340861-03 | Procurement-Sewer Cleaning Truck | \$445,849 |
| 607 | Gloucester City | \$340958-07 | Freedom Pier Sewer Extension | \$1,200,000 |
| 166 | Gloucester City | S340958-08 | Various Sewer Projects | \$2,100,000 |
| 901 | Gloucester County Improv. Authority | S342024-01 | Cell Construction | \$8,000,000 |
| 502 | Gloucester County Utilities Authority | S340902-13 | Incinerator #2 Upgrades | \$14,040,000 |
| 183 | Gloucester County Utilities Authority | S340902-14 | Bio-Solids Handling Facility Upgrade to Combined Heat & Power generation (SANDY) | \$45,000,000 |
| 187 | Gloucester County Utilities Authority | S340902-15 | Combined Heat & Power | \$7,250,000 |
| 206 | Gloucester County Utilities Authority | S340902-16 | Primary Clarifier Equipment Replacement | \$2,100,000 |
| 497 | Gloucester County Utilities Authority | S340902-17 | Sludge Drying System | \$10,000,000 |
| 700 | Gloucester Township | S340364-11 | Flood Mitigation (SANDY) | \$1,700,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 700 | Gloucester Township | S340364-15 | Gloucester Township Stormwater Improvements | \$1,450,000 |
| 611 | Greenwich Township | S340359-02 | Installation of a collector sewer in vicinity of the Village of Stewartsville | \$2,200,000 |
| 122 | Hackensack City | S340923-12 | Combined Sewer Separation, Phase 2 | \$6,000,000 |
| 768 | Highlands Borough | S340901-03 | Stormwater System Improvements (Current Project) | \$6,250,000 |
| 219 | Hightstown Borough | S340915-05 | UV Disinfection System | \$1,400,000 |
| 82 | Hoboken City | S340635-06 | Acquisition, Remediation, & Construction on 6 Acre Park & Outfall (SANDY) | \$33,000,000 |
| 82 | Hoboken City | S340635-07 | Resilient Green Infrastructure for Combined Sewage Overflow Reduction | \$5,000,000 |
| 37 | Hoboken City | S340635-08 | Southwest Resiliency Park - Acquisition, Rehabilitation | \$6,600,000 |
| 207 | Howell Township | S344040-02 | Freewood Acres & Route 9 Sanitary Sewer Extension | \$14,500,000 |
| 93 | Jersey City | S340928-30 | Street Cleaning Equipment | \$2,711,000 |
| 42 | Jersey City Municipal Utilities Authority | S340928-15 | Phase 3 & 4 Sewer Improvements (SANDY) | \$40,400,000 |
| 42 | Jersey City Municipal Utilities Authority | S340928-16 | Sixth Street Combined Sewer Outfall (SANDY) | \$9,500,000 |
| 42 | Jersey City Municipal Utilities Authority | S340928-17 | Regulator, Outfall and Solid Flow (SANDY) | \$14,160,000 |
| 42 | Jersey City Municipal Utilities Authority | S340928-18 | Claremont Carteret outfall replacement (SANDY) | \$5,600,000 |
| 42 | Jersey City Municipal Utilities Authority | S340928-19 | East Side Plant repairs, improve (SANDY) | \$7,500,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 42 | Jersey City Municipal Utilities Authority | S340928-20 | Outfall Chambers (SANDY) | \$7,200,000 |
| 162 | Jersey City Municipal Utilities Authority | S340928-21 | Sewer Pipe Replacement / Phase V Combined Sewage Overflow Study | \$12,000,000 |
| 93 | Jersey City Municipal Utilities Authority | S340928-22 | Green Infrastructure | \$750,000 |
| 119 | Jersey City Municipal Utilities Authority | S340928-23 | 3 Pump Stations Flood Hardening Improvements | \$1,846,000 |
| 119 | Jersey City Municipal Utilities Authority | S340928-24 | Phase 1/2 Sewer Rehabilitation | \$22,200,000 |
| 119 | Jersey City Municipal Utilities Authority | S340928-27 | Green Infrastructure- Martin Luther King Drive Tree Trenches | \$500,000 |
| 162 | Jersey City Municipal Utilities Authority | S340928-28 | Van Winkle Ave. San. Sewer Rehab. | \$2,300,000 |
| 162 | Jersey City Municipal Utilities Authority | S340928-29 | Carteret Ave. Sewer Replacement | \$15,360,000 |
| 162 | Jersey City Municipal Utilities Authority | S340928-31 | 54-inch JCMUA/PVSC FORCEMAIN REPAIR | \$11,059,600 |
| 813 | Jersey City Redevelopment Agency | S340928-25 | Jersey Avenue Park Redevelopment Plan - Phase 1/2 | \$14,069,063 |
| 813 | Jersey City Redevelopment Agency | S340928-26 | Jersey Avenue Park Redevelopment Plan - Phase 2 | \$12,600,000 |
| 251 | Kearny Municipal Utilities Authority | S340259-07 | Pump Station Rehabilitation (SAIL) | \$6,500,000 |
| 58 | Kearny Town | S340259-11 | Dukes St Stormwater Pump Station | \$17,000,000 |
| 884 | Kearny Town | S340259-12 | Redevelopment of recreational complex as a modern artificial turf complex | \$18,200,000 |
| 276 | Little Egg Harbor Municipal Utilities Authority | S340579-02 | Twin Lakes Sewer Rehabilitation | \$3,300,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 276 | Little Egg Harbor Municipal Utilities Authority | S340579-03 | Little Egg Harbor Sewer Main Replacement | \$7,700,000 |
| 668 | Little Egg Harbor Township | S340579-04 | Mystic Island Drainage Improvements - Phase 2 | \$1,714,000 |
| 217 | Little Egg Harbor Township | S344060-02 | Twin Lakes Blvd. Drainage Improvements | \$4,200,000 |
| 682 | Logan Township Municipal Utilities Authority | S340123-01 | 0.50 MGD Water Reclamation Facility Expansion | \$8,100,000 |
| 471 | Long Beach Township | S340023-06 | Sewer Replacement | \$5,000,000 |
| 471 | Long Beach Township | S340023-07 | Sewer Main Replacement | \$4,600,000 |
| 272 | Manasquan River Regional Sewerage Authority | S340911-03 | Equipment Replacement | \$660,000 |
| 463 | Medford Lakes Borough | S340319-03 | Collection System Lining Improvements | \$11,000,000 |
| 258 | Mendham Township | S340477-01 | Mendham East Wastewater Treatment Facility Conversion | \$2,500,000 |
| 405 | Middlesex Borough | S340698-02 | Sanitary Sewer Main Improvements | \$2,568,750 |
| 293 | Middlesex County Utilities Authority | S340699-12 | Restoration and Flood Mitigation (SAIL) | \$93,000,000 |
| 293 | Middlesex County Utilities Authority | S340699-13 | Restoration and Flood Mitigation (SAIL) | \$40,000,000 |
| 293 | Middlesex County Utilities Authority | S340699-14 | Main Truck Sewer Rehab Phase II | \$18,250,000 |
| 697 | Middletown Township | S340097-01 | Shadow Lake Restoration Project | \$4,500,000 |
| 912 | Milltown Borough | S340102-01 | Milltown Ford Ave Redevelopment | \$21,000,000 |
| 912 | Milltown Borough | S340102-04 | Ford Avenue Redevelopment | \$5,500,000 |
| 517 | Milltown Borough | S340102-05 | Flood Mitigation Borough of Milltown Municipal Complex Relocation | \$13,726,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|---|----------------|
| 129 | Millville City | S340921-07 | Wastewater Treatment Plant Upgrade Phase II | \$12,000,000 |
| 300 | Monmouth County Bayshore Outfall Authority | S340325-04 | Force Main Assessment and Rehabilitation | \$2,600,000 |
| 351 | Montclair Township | S340837-03 | Sanitary Sewer Collection System Rehabilitation-SFY 2016 | \$1,700,000 |
| 287 | Montclair Township | S340837-04 | Sanitary Sewers refurbishment 2017 | \$1,700,000 |
| 684 | New Jersey Water Supply Authority | S340421-01 | D&R Canal Dredging | \$56,800,000 |
| 244 | New Jersey Water Supply Authority | S340421-02 | Round Valley Reservoir Structures Refurbishment and Resource Preservation | \$82,822,000 |
| 21 | Newark City | S340815-22 | Queen Ditch Restoration | \$10,500,000 |
| 21 | Newark City | S340815-24 | Structural evaluation & rehab of 350 miles of small diameter sewers | \$21,000,000 |
| 15 | Newark City | S340815-25 | Green Infrastructure for the Sewer System | \$400,000 |
| 21 | Newark City | S340815-26 | Improvements to the Peddie CSO | \$3,300,000 |
| 15 | Newark City | S340815-27 | Greenstreet Projects for the City of Newark | \$3,800,000 |
| 35 | North Bergen Municipal Utilities Authority | S340652-14 | Woodcliff Additional Improvements | \$23,000,000 |
| 431 | North Haledon Borough | S340229-02 | Small System Asset Management Plan | \$100,000 |
| 95 | North Hudson Sewer Authority | S340952-22 | W1234 Solids/Floatables (CSO) | \$18,000,000 |
| 95 | North Hudson Sewer Authority | S340952-23 | Phase II Sanitary Sewer System Upgrades | \$3,100,000 |
| 95 | North Hudson Sewer Authority | S340952-24 | Rehabilitate sewers @ Hamilton Ave & JFK Blvd | \$3,000,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 103 | North Hudson Sewer Authority | S340952-28 | Collection System Improvements | \$1,700,000 |
| 103 | North Hudson Sewer Authority | S340952-29 | 2017 River Road Wastewater Treatment Plant Improvements | \$1,300,000 |
| 103 | North Hudson Sewer Authority | S340952-30 | 2017 Adams Street Wastewater Treatment Plant Improvements | \$16,800,000 |
| 103 | North Hudson Sewer Authority | S345190-01 | Combined Sewer Long Term Control Plan | \$6,000,000 |
| 200 | North Wildwood City | S340663-07 | Street and Utility Reconstruction - Sewer | \$32,872,570 |
| 516 | North Wildwood City | S340663-08 | Street and Utility Reconstruction - Stormwater | \$32,872,570 |
| 155 | Northwest Bergen County Utilities Authority | S340700-13 | STP Upgrades | \$5,200,000 |
| 321 | Northwest Bergen County Utilities Authority | S340700-14 | Midland Park Force Main Installation | \$3,694,000 |
| 321 | Northwest Bergen County Utilities Authority | S340700-15 | Wastewater Pump Station Improvements | \$5,000,000 |
| 155 | Northwest Bergen County Utilities Authority | S340700-16 | Wastewater Treatment Plant Improvements | \$3,900,000 |
| 248 | Northwest Bergen County Utilities Authority | S340700-17 | Security System Upgrades | \$800,000 |
| 229 | Ocean County | S344080-09 | Manufactured Treatment Devices | \$1,300,000 |
| 225 | Ocean County | S344080-10 | Camera Pipe Line Inspection Truck System - Equipment | \$250,000 |
| 225 | Ocean County | S344080-11 | Mechanical Street Sweeper - Equipment | \$350,000 |
| 368 | Ocean County Utilities Authority | S340372-58 | AW1610 South Island Beach Interceptor (CI-1A) and South Island Interceptor (SI-11) Rehabilitation | \$3,997,392 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|---|----------------|
| 72 | Ocean County Utilities Authority | S340372-59 | AW1611 Area Wide Clarifier Rehabilitation | \$6,956,586 |
| 238 | Ocean Gate Borough | S344180-01 | Storm Sewer MTD | \$2,600,000 |
| 432 | Ocean Township | S340112-07 | Sewer Improvements | \$3,000,000 |
| 359 | Ocean Township Sewer Authority | S340750-11 | Collection System Improvements | \$6,500,000 |
| 359 | Ocean Township Sewer Authority | S340750-12 | Interlaken Pump Station reconstruction (SANDY) | \$4,100,000 |
| 356 | Ocean Township Sewer Authority | S340750-13 | 2016 Collection System Improvements | \$550,000 |
| 356 | Ocean Township Sewer Authority | S340750-14 | Asbury Avenue and Longview Pump Stations Rehabilitation | \$2,500,000 |
| 328 | Old Bridge Municipal Utilities Authority | S340945-14 | 2015 Sewage Pump Station Upgrades | \$2,300,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-23 | Standby Power Generating Facility (SAIL) | \$150,000,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-25 | Administration Building Rehab | \$9,100,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-30 | Sump Pump Relocation (SAIL) | \$3,700,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-31 | Sodium Hypochlorite Storage Replacement | \$4,000,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-32 | Newark Bay Outfall (SANDY) | \$10,000,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-33 | Weatherproof tunnel locations including HVAC for ventilation (SAIL) | \$80,000,000 |
| 144 | Passaic Valley Sewerage Commission | S340689-34 | Waste Pump Station Upgrades | \$2,900,000 |
| 114 | Passaic Valley Sewerage Commission | S340689-35 | Administration Building Green Infrastructure Entry Plaza | \$400,000 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---------------------------------------|-------------------|--|----------------|
| 114 | Passaic Valley Sewerage Commission | S340689-36 | Green Car Wash | \$250,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-37 | Substation "M" Replacement (SAIL) | \$13,400,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-38 | Final Clarifier Concrete Rehabilitation (SANDY) | \$21,000,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-39 | Heat Treatment Plant Supernatant Return Pipe Lining (SANDY) | \$4,816,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-40 | Plant wide Replacement & Relocation of Electrical Switchgear and MCCs (SAIL) | \$123,300,000 |
| 143 | Passaic Valley Sewerage Commission | S340689-41 | Perimeter Flood Wall (SAIL) | \$97,000,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-42 | Storm Water Collection Systems (SAIL) | \$21,500,000 |
| 134 | Passaic Valley Sewerage Commission | S340689-43 | Storm Water Pumping Stations (SAIL) | \$43,600,000 |
| 133 | Passaic Valley Sewerage Commission | S340689-44 | Wallington Pump Station Rehabilitation Project | \$852,605 |
| 134 | Passaic Valley Sewerage Commission | S345200-01 | Combined Sewer Overflow Long Term Control Planning (SANDY) | \$8,000,000 |
| 134 | Passaic Valley Sewerage Commission | S345200-02 | Asset Management Plan (SANDY) | \$2,000,000 |
| 65 | Paterson City | S345210-01 | Investigation of Tributary Sewers from Adjacent Municipalities (SANDY) | \$200,000 |
| 40 | Paterson City | S340850-05 | CSO 023 Elimination- Sewer Separation at Second Avenue | \$1,935,000 |
| 40 | Paterson City | S340850-06 | 21st Avenue Sewer Reconstruction | \$2,161,100 |
| 40 | Paterson City | \$340850-07 | West Railway Sewer Reconstruction | \$2,137,200 |
| 761 | Paulsboro Borough | S340164-01 | Replace storm sewer along Thomson & Wood Aves. | \$2,750,000 |

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Green Text = New Project

Bold = Updated information on an Existing Project

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 113 | Perth Amboy City | S340435-11 | 2nd St. PS Resiliency | \$6,459,351 |
| 90 | Perth Amboy City | \$340435-13 | The Paving of Parking Lots C and RDH (GI) | \$850,000 |
| 113 | Perth Amboy City | S340435-14 | CSO Reparation (Pulaski Ave / Parker St. / State Street) | \$2,608,000 |
| 66 | Perth Amboy City | S340435-17 | Second Street Corridor Project | \$4,418,400 |
| 113 | Perth Amboy City | \$345220-01 | CSO Permit Development of Long Term Control Plan | \$1,000,000 |
| 421 | Pine Hill MUA | S340274-05 | Sewer Rehabilitation | \$1,800,000 |
| 289 | Pleasantville City | S340752-03 | Pleasantville Various Projects | \$3,135,562 |
| 525 | Plumsted Township | S340607-03 | Advanced WW Treatment & Collection System | \$27,000,000 |
| 237 | Point Pleasant Beach Borough | S344190-02 | Little Silver Lake Drainage Improv. Project | \$3,000,000 |
| 263 | Princeton Borough | S340656-08 | System-wide Sanitary Sewer Rehabilitation | \$4,300,000 |
| 727 | Princeton Borough | S340656-10 | Cherry Valley Road Improvement Project | \$2,068,160 |
| 7 | Rahway Valley Sewerage Authority | S340547-14 | Replace existing digester tank covers & mixers; replacing gas flares | \$9,500,000 |
| 10 | Rahway Valley Sewerage Authority | S340547-15 | Trucked-in Waste Receiving Station | \$2,588,518 |
| 375 | Raritan Township Municipal Utilities Authority | S340485-11 | HCRHS Sewer Relocation Project | \$500,308 |
| 180 | Raritan Township Municipal Utilities Authority | S340485-12 | Main Treatment Plant Improvements 2016 | \$4,900,000 |
| 62 | Ridgefield Park Village | S345230-01 | Planning for Long Term Control Plan CSO | \$800,002 |
| 788 | Riverdale Borough | S340729-02 | Equipment Purchase | \$289,789 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 109 | Riverside Sewerage Authority | S340490-01 | Primary Digester Mixing System | \$840,000 |
| 314 | Rockaway Valley Regional Sewer Authority | S340821-06 | Old Jersey Trunk Sewer Replacement | \$8,000,000 |
| 227 | Rockaway Valley Regional Sewer Authority | S340821-07 | Rehab four existing final clarifiers | \$8,200,000 |
| 323 | Rockaway Valley Regional Sewer Authority | S340821-09 | West Main Street Sewer Repair | \$2,200,000 |
| 384 | Roselle Borough | S340332-02 | Cleaning & lining of sanitary sewer | \$3,800,000 |
| 179 | Roxbury Township | S340381-07 | Treatment Plant & Pump Station Improvements | \$7,500,000 |
| 430 | Runnemede Borough | \$340363-06 | Sanitary Sewer slip-lining at various locations | \$1,800,000 |
| 211 | Rutgers University | S340500-01 | Busch Cogeneration Plant Upgrade | \$32,400,000 |
| 211 | Rutgers University | S340500-02 | Upgrade of RBHS Co-Generation Plant | \$44,501,400 |
| 826 | Sea Girt Borough | S340468-01 | Upgrade Pipes and Baltimore Blvd & Neptune Place outfall | \$4,900,000 |
| 838 | Seaside Park Borough | S340083-03 | Decommissioning of Well #7 | \$103,000 |
| 201 | Seaside Park Borough | S344200-02 | Barnegat Bay Watershed. Green Infra. Reconstruction of Parking Lots 1-3 | \$2,800,000 |
| 599 | Secaucus Town | S340029-04 | Born street pump station Improvements (SANDY) | \$2,600,000 |
| 806 | Secaucus Town | S342021-01 | Malanka Landfill Closure | \$22,600,000 |
| 490 | Ship Bottom Borough | S340311-03 | Sewer Main Replacement Project | \$4,700,000 |
| 738 | Somers Point City | S340618-02 | Stormwater Improvements | \$5,500,000 |
| 125 | Somerset Raritan Valley Sewer Authority | S340801-07 | Stormwater control facility to eliminate sewage discharge | \$20,134,080 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 510 | Somerset Raritan Valley Sewer Authority | S340801-08 | Rehab of Sludge Incinerator #2 (SANDY) | \$16,500,000 |
| 924 | Somerville Borough | S342013-01 | Green Seam Restoration | \$11,500,000 |
| 342 | South Monmouth Regional Sewer Authority | S340377-03 | Pump Station Improvements (SAIL) | \$9,137,611 |
| 342 | South Monmouth Regional Sewer Authority | S340377-04A | Pump Station Improvements (SAIL) | \$6,981,600 |
| 342 | South Monmouth Regional Sewer Authority | S340377-05 | Belmar Pump Station Improvements (SAIL) | \$3,500,000 |
| 188 | Stafford Township | S344100-03 | Neptune Basin Expansion | \$5,600,000 |
| 194 | Stony Brook Regional Sewer Authority | S340400-10 | Dewatered Sludge Handling Pump Replacement Project | \$5,100,000 |
| 482 | Sussex Borough | S340155-02 | Sewer Force Main | \$550,000 |
| 905 | Sussex County Municipal Utilities Authority | S342008-05 | Landfill Life Extension | \$13,000,000 |
| 284 | Tuckerton Borough | S340034-03 | Heron Road Sewer Main Replacement Project | \$1,405,206 |
| 742 | Ventnor City | S340667-03 | Flood Walls (SANDY) | \$2,000,000 |
| 370 | Vernon Municipal Utilities Authority | S340745-03 | Vernon Township Municipal Utility Authority Asset Management Assessment and Plan | \$100,000 |
| 380 | West Deptford Township | S340947-05 | Replacement of Pump Stations 4 and 6 | \$1,300,000 |
| 117 | West Milford Municipal Utilities Authority | S340701-12 | Emergency Power Generator Install (SANDY) | \$350,000 |
| 676 | West Wildwood Borough | S340626-05 | Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue | \$1,890,000 |
| 326 | Western Monmouth Utilities Authority | S340128-05 | Route 79 Pump Station and Force Main Replacement | \$4,300,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|-----------------|
| 230 | Western Monmouth Utilities Authority | S340128-06 | Pine Brook Sewage Treatment Plant Improvements | \$12,100,000 |
| 675 | Wildwood City | S340664-05 | Stormwater Remediation of Pacific Avenue | \$15,300,000 |
| 273 | Willingboro Municipal Utilities Authority | S340132-08 | Collection System Resiliency (SANDY) | \$1,900,000 |
| 349 | Winslow Township | S340895-10 | Various Sanitary Sewer System Rehab | \$1,517,473 |
| 589 | Woolwich Township | S340432-01 | New Collection System & Treatment | \$15,092,956 |
| | | | | |
| | Total Number Clean Water Base and Sandy Projects: | 234 | Total Estimated Clean Water Base & Sandy Project Costs: | \$2,694,511,462 |
| | Total Number Clean Water Projects (including Supplemental): | 240 | Total Clean Water Project Costs (including Supplemental): | \$2,705,675,462 |

APPENDIX B

SFY2018 Drinking Water Second Amended Project Priority List Base & Sandy Financing Program October 2017

-- Alphabetical Order -

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| | | SUPPLEM | ENTAL LOANS | |
| | North Jersey District Water Supply Commission | 1613001-017-1 | Wanaque South Pump Station Upgrade | \$3,600,000 |
| | Supplemental Loans: # | 1 | Subtotal: | \$3,600,000 |
| | | BASE & SUPERST | ORM SANDY LOANS | |
| 339 | Aberdeen Township | 1330004-001 | Woodfield Area Water System Rehabilitation | \$3,900,000 |
| 13 | ADTI Housing Corporation | 2103002-001 | Chlorination system | \$400,000 |
| 381 | Allentown Borough | 1302001-002 | Elevated Water Tank Improvements | \$549,100 |
| 491 | Allentown Borough | 1302001-003 | Water Meter Replacement | \$664,938 |
| 184 | Allentown Borough | 1302001-004 | Water Treatment Plant Improvements | \$2,328,960 |
| 43 | Atlantic City Municipal Utilities Authority | 0102001-006 | 1 MG Storage Tank Sand Blasting and painting | \$2,100,000 |
| 379 | Bayonne Municipal Utilities Authority | 0901001-006 | Aqueduct Replacement | \$12,000,000 |
| 139 | Bellmawr Borough | 0404001-005 | Improvements to WTP | \$500,000 |
| 215 | Bellmawr Borough | 0404001-006 | Various Water System Improv. | \$2,300,000 |
| 176 | Berkeley Township Municipal Utilities Authority | 1505004-007 | Well #4 Phase II Production Well | \$700,000 |
| 176 | Berkeley Township Municipal Utilities Authority | 1505004-009 | Installation of new well #4 with WM to connect to WTP | \$2,000,000 |

| | KEY |
|--------------------------|---|
| Green Text = New Project | Bold = Updated information on an Existing Project |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 27 | Bordentown City | 0303001-006 | Well #2 Upgrades to Address Violation | \$1,500,000 |
| 30 | Bordentown City | 0303001-008 | Upgrade Treatment Plant | \$2,200,000 |
| 242 | Brick Township Municipal Utilities Authority | 1506001-007 | Chlorine Disinfection System Relocation | \$3,800,000 |
| 282 | Brick Township Municipal Utilities Authority | 1506001-008 | Undersized Water Main Replacement Cedar Park East and West | \$6,550,000 |
| 282 | Brick Township Municipal Utilities Authority | 1506001-009 | Breton Woods Water Main Replacement - Phase I | \$5,928,760 |
| 284 | Brick Township Municipal Utilities Authority | 1506001-010 | Hydrant Replacement in Baywood Section | \$1,160,000 |
| 478 | Brick Township Municipal Utilities Authority | 1506001-012 | Meter Replacement | \$5,420,000 |
| 412 | Brigantine City | 0103001-501 | Installation of generators @ well (SANDY) | \$2,900,000 |
| 72 | Camden City | 0408001-021 | New Auto Meter Reading Equip for entire City | \$1,800,000 |
| 91 | Camden City | 0408001-022 | Install potable wells/floor elevations @ Morris Delair WTP | \$1,400,000 |
| 189 | Cape May City | 0502001-004 | Well 5 Replacement for the Sands Aquifer | \$2,200,000 |
| 233 | Clementon Borough | 0411001-001 | Rehab of Gibbsboro Water Main (White Horse Pike & White Horse Rd.) | \$500,000 |
| 466 | Clementon Borough | 0411001-002 | Rehab of well 9 including slip lining to improve conveyance | \$1,400,000 |
| 344 | Clinton Town | 1005001-006 | Lebanon Borough Water Main Replacements - Phase II through Phase V | \$4,300,000 |
| 536 | Clinton Town | 1005001-007 | Replace Water Meters | \$4,277,804 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|---|----------------|
| 252 | Clinton Town | 1005001-008 | Well #4 Water Production Facility | \$1,500,000 |
| 550 | Clinton Town | 1005001-009 | Well #7 Improvements & Well #14 Decommissioning | \$1,200,000 |
| 31 | East Orange City | 0705001-014 | Water System Improvement and Resiliency Project 2017 | \$33,000,000 |
| 363 | Elmer Borough | 1702001-001 | Water Storage Tower Repaint and Repairs | \$800,000 |
| 245 | Evesham Municipal Utilities Authority | 0313001-001 | Wells 13 & 14 Treatment Improvements | \$2,100,000 |
| 248 | Gloucester City | 0414001-020A | Water Main Replacement and Looping of Mains to Freedom Pier | \$1,300,000 |
| 226 | Gloucester City | 0414001-022 | Replacement of 1,200 LF of 8" Cast Iron Main on Brown Street | \$1,200,000 |
| 482 | Hampton Borough | 1013001-001 | New back up well 5 to address firm capacity requirements | \$1,800,000 |
| 563 | Harvey Cedars Borough | 1509001-002 | Installation of a Water Monitoring Well | \$1,100,000 |
| 380 | Hightstown Borough | 1104001-010 | 2017 Water Main Improvements | \$1,775,678 |
| 188 | Hoboken City | 0905001-001 | Washington St. Water Main / Green Infrastructure | \$8,500,000 |
| 191 | Jackson Township Municipal Utilities Authority | 1511001-010 | Demolition of Facilities, Replace Storage Tank, Well #3 | \$8,200,000 |
| 439 | Jackson Township Municipal Utilities Authority | 1511001-011 | Improvements to Manhattan St Complex, Garage & Admin Bldg. | \$1,600,000 |
| 391 | Jackson Township Municipal Utilities Authority | 1511001-012 | Western Water Main Extension | \$11,000,000 |
| 173 | Jackson Township Municipal Utilities Authority | 1511001-013 | Six Flags Great Adventure Water Treatment Plant Replacement | \$13,194,799 |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 133 | Jersey City Municipal Utilities Authority | 0906001-006 | Transmission Main Install | \$19,000,000 |
| 133 | Jersey City Municipal Utilities Authority | 0906001-010 | Journal Square North Cleaning | \$16,900,000 |
| 133 | Jersey City Municipal Utilities Authority | 0906001-012 | Water Main Replacement | \$18,000,000 |
| 385 | Jersey City Municipal Utilities Authority | 0906001-013 | Remote Meter Reading (AMI) | \$9,300,000 |
| 198 | Jersey City Municipal Utilities Authority | 0906001-015 | Van Winkle Ave. Water Main Replacement | \$3,589,266 |
| 182 | Jersey City Municipal Utilities Authority | 0906001-016 | Large Valve Replacement Program- Phase 2 | \$7,321,200 |
| 199 | Kearny Town | 0907001-001A | Water Facility and ground Improv. program | \$29,000,000 |
| 87 | Lakehurst Borough | 1513001-001 | Water Main Replacement Project Phase I | \$1,084,633 |
| 356 | Lavallette Borough | 1515001-001 | Water Storage Tank Repainting | \$1,331,000 |
| 508 | Little Egg Harbor Municipal Utilities Authority | 1516001-003 | Water Treatment Plant at High Ridge Rd (SANDY) | \$4,750,000 |
| 99 | Little Egg Harbor Municipal Utilities Authority | 1516001-004 | Twin Lakes Water Main Replacement | \$3,000,000 |
| 100 | Little Egg Harbor Municipal Utilities Authority | 1516001-005 | Little Egg Harbor Water Improvements Phases I | \$6,609,594 |
| 508 | Little Egg Harbor Municipal Utilities Authority | 1516001-500 | Radio Road Water Treatment Plant (SANDY) | \$1,000,000 |
| 299 | Long Beach Township | 1517001-015 | Water Main Replacement Project | \$4,159,201 |
| 247 | Long Beach Township | 1517001-500 | Beach Haven Terrace WTP (SANDY) | \$9,200,000 |
| 247 | Long Beach Township | 1517001-501 | Brant Beach Water Plant (SANDY) | \$2,300,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 247 | Long Beach Township | 1517001-502 | Raise Well 4, reconstruct filter room & pumps | \$3,300,000 |
| 104 | Lower Township Municipal Utilities Authority | 0505002-003 | Villas East Phase 2 and Lower Cape May Regional water main extensions | \$6,923,406 |
| 297 | Manasquan Borough | 1327001-002 | Construction of 600 LF of WM on Perrine Blvd & Mallard Park Area (SANDY) | \$1,469,468 |
| 98 | Manchester Township | 1518005-002 | Repaint and Repair Elevated Storage Facility | \$5,500,000 |
| 211 | Manchester Township | 1518005-003 | Install automated meters | \$2,600,000 |
| 549 | Mantua Township MUA | 0810004-002 | Well Rehabilitation | \$1,800,000 |
| 417 | Mantua Township MUA | 0810004-003 | Water Tank Rehabilitation | \$1,400,000 |
| 170 | Maple Shade Township | 0319001-006 | Maple Shade Township Meter Upgrade | \$2,600,000 |
| 143 | Middlesex Water Company | 1225001-016 | Renew 2015 - C&L of Water Mains - Edison | \$5,700,000 |
| 324 | Middlesex Water Company | 1225001-023 | Renew 2016, C&L of Water Mains, Replace Non-Copper Services | \$8,000,000 |
| 400 | Middlesex Water Company | 1225001-024 | New Interconnection of PS, New Table Type Chlorinators | \$3,600,000 |
| 241 | Middlesex Water Company | 1225001-025 | Western Transmission Main | \$41,000,000 |
| 143 | Middlesex Water Company | 1225001-026 | Renew 2017 - Water Main Rehabilitation | \$13,000,000 |
| 160 | Middlesex Water Company | 1225001-028 | RENEW 2018 - Carteret | \$11,200,000 |
| 266 | Middlesex Water Company | 1225001-029 | CJO Plant Upgrade - DBP Removal Treatment | \$27,244,974 |
| 279 | Milltown Borough | 1212001-002 | Ford Ave Redevelopment | \$1,606,000 |

| | KEY |
|--------------------------|---|
| Green Text = New Project | Bold = Updated information on an Existing Project |

| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 321 | Milltown Borough | 1212001-003 | Ford Ave Redevelopment Agency Borough | \$1,384,000 |
| 357 | Milltown Borough | 1212001-005 | Water Storage Tank Rehabilitation | \$1,800,000 |
| 541 | Montclair Township | 0713001-008 | Nishuane Well Production & Treatment Facility | \$2,300,000 |
| 436 | Montclair Township | 0713001-011 | New 1.0MG High Zone Tank | \$3,600,000 |
| 441 | Mount Arlington Borough | 1426005-001 | Mount Arlington Asset Management Plan | \$103,000 |
| 286 | National Park Borough | 0812001-004 | Replacement of Wells 5 & 6 | \$1,700,000 |
| 95 | Netcong Borough | 1428001-007 | Replace WM on Rte. 46, extend WM on Rte. 80, replace meters | \$3,700,000 |
| 124 | Netcong Borough | 1428001-008 | Rehabilitate existing storage facilities | \$1,100,000 |
| 159 | Netcong Borough | 1428001-009 | Meter Upgrades | \$400,000 |
| 20 | New Brunswick City | 1214001-005 | Water Treatment Plant Improvements | \$15,500,000 |
| 21 | Newark City | 0714001-016 | Pequannock Water Treatment Plant Rehab | \$13,000,000 |
| 32 | Newark City | 0714001-017 | Water Distribution System Upgrades | \$2,000,000 |
| 81 | Newark City | 0714001-018 | Replacement of Water Distribution Mains | \$4,800,000 |
| 65 | Newark City | 0714001-500 | Wayne & Clifton PS Generators (SANDY) | \$5,100,000 |
| 103 | NJ American Water Company, Incorporated | 0712001-016 | NJ American Water Lead Service Line Replacement Program PWSID 0712001 | \$6,576,000 |
| 111 | NJ American Water Company, Incorporated | 1345001-016 | Sunset Road Treatment Plant Expansion | \$13,500,000 |
| 9 | NJ American Water Company, Incorporated | 1345001-017 | Oak Street Treatment Plant Improvements | \$10,100,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|---|----------------|
| 111 | NJ American Water Company, Incorporated | 1345001-018 | Oak Glenn Treatment Plant Expansion | \$36,994,400 |
| 309 | NJ American Water Company, Incorporated | 1345001-019 | Howell-Lakewood Transmission Main | \$60,000,000 |
| 260 | NJ American Water Company, Incorporated | 1345001-021 | Swimming River WTP 2nd Clearwell | \$22,117,195 |
| 137 | NJ American Water Company, Incorporated | 2004002-011 | Raw Water Pump Improvements (Treatment Plant) | \$12,800,000 |
| 281 | NJ American Water Company, Incorporated | 2004002-012 | NJ American Water Lead Service Line Replacement Program PWSID 2004002 | \$8,974,000 |
| 390 | NJ American Water Company, Incorporated | 2004002-013 | RM WTP Emergency Generator | \$16,000,000 |
| 434 | NJ American Water Company, Incorporated | 2004002-500 | Raritan Millstone WTP Flood Wall | \$36,000,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-022 | Basins 5 & 6 Rehabilitation | \$17,000,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-025 | Recycle Clear Phase to the Head of the Treatment Plant | \$7,300,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-026 | Low Lift Gas Pump (SANDY) | \$12,900,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-027 | Expansion of Aeriation System | \$2,300,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-028 | Filter Bldg. Pipe Gallery Dehumidify | \$2,000,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-029 | Basins 1-4 Flocculator Rehabilitation | \$2,900,000 |
| 200 | North Jersey Dist. Water Supply Comm. | 1613001-030 | Modify and Expand Central Receiving Building | \$2,364,000 |
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-031 | Purchase and Install New Dewatering System | \$3,800,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|---|----------------|
| 50 | North Jersey Dist. Water Supply Comm. | 1613001-032 | Rehabilitation of Treatment Facility | \$3,600,000 |
| 107 | North Jersey Dist. Water Supply Comm. | 1613001-033 | Security Enhancements Project - Orechio Drive Complex | \$4,100,000 |
| 107 | North Jersey Dist. Water Supply Comm. | 1613001-034 | Security, IT and Safety Projects | \$1,600,000 |
| 88 | North Jersey Dist. Water Supply Comm. | 1613001-035 | Rehabilitation of Pump Stations | \$3,800,000 |
| 11 | North Shore Water Association | 1904004-001 | Existing Well Requires Replacement | \$500,000 |
| 377 | North Shore Water Association | 1904004-002 | Water System Refurb | \$453,900 |
| 11 | North Shore Water Association | 1904004-004 | Water System Refurb | \$200,000 |
| 548 | Oakland Borough | 0220001-001 | Construct new well 10A as backup for well 10 | \$3,133,000 |
| 535 | Oakland Borough | 0220001-002 | Replace 4600 water meters | \$3,133,000 |
| 460 | Oakland Borough | 0220001-003 | diesel generator for well 9 (SANDY) | \$3,133,000 |
| 416 | Oakland Borough | 0220001-004 | Rehab of Iroquois Pumping Station | \$3,133,000 |
| 278 | Ocean Township | 1520001-007 | Pebble Beach Water Main Replacement | \$1,400,000 |
| 326 | Old Bridge Municipal Utilities Authority | 1209002-013 | Knollcroft Water Main Rehabilitation | \$3,562,000 |
| 567 | Old Bridge Municipal Utilities Authority | 1209002-014 | Perrine Road Carbon Absorber Facility | \$1,750,000 |
| 4 | Passaic Valley Water Commission | 1605002-014 | Phase I - Levine Reservoir Water Storage Improvements | \$26,100,000 |
| 2 | Passaic Valley Water Commission | 1605002-025 | Water Storage Improvements Phase 1 - Standby Emergency Generators (SANDY) | \$36,600,000 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|---|-------------------|--|----------------|
| 101 | Paulsboro Borough | 0814001-003 | Water Main Replacement (Thomson, Wood, Eliz. and Commerce St.) | \$2,800,000 |
| 358 | Pennington Borough | 1108001-002 | Water Distribution Upgrades | \$1,250,000 |
| 203 | Perth Amboy City | 1216001-008 | Replacement of Four Inch Mains | \$2,500,000 |
| 162 | Perth Amboy City | 1216001-009 | The Replacement of Water Meters Project | \$1,100,000 |
| 329 | Perth Amboy City | 1216001-500 | Install New Stand-by Generator for Runyon Water Treat. Plant (SANDY) | \$2,750,000 |
| 538 | Point Pleasant Beach Borough | 1525001-001 | Water Meter Replacement Project | \$1,930,000 |
| 168 | Rahway City | 2013001-007 | Water Treatment Plant Filter System Upgrade | \$18,200,000 |
| 461 | Red Bank Borough | 1340001-002 | Water Plant Improvements at Chestnut Street and Tower Hill | \$2,000,000 |
| 29 | Saddle Brook Township | 0257001-002 | North Fifth Street Water Main | \$1,900,000 |
| 19 | Sea Village Marina LLC/NJ American Water Co. | 0108021-002 | Water Main Extension | \$1,202,000 |
| 574 | Seaside Park Borough | 1527001-004 | Well #10 Treatment Facility | \$900,900 |
| 234 | Ship Bottom Borough | 1528001-002 | Water main Replacement Project | \$3,750,000 |
| 543 | South Orange Village | 0719001-001 | Well 17 Rehabilitation | \$250,000 |
| 500 | South Orange Village | 0719001-003 | South Orange Ave and Holland Road Interconnection Rehabilitation | \$150,000 |
| 500 | South Orange Village | 0719001-004 | Farrell Field (Walton Ave & Audley St.) Interconnection Rehab. | \$150,000 |
| 355 | Spotswood Borough | 1224001-001 | Cleaning and lining of approximately 3,600 LF of water mains | \$3,443,914 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|------|--|-------------------|--|----------------|
| 577 | Spotswood Borough | 1224001-002 | Spotswood Water Master Plan | \$85,265 |
| 120 | Stafford Township | 1530004-018 | Mill Creek Road and Paul Boulevard Water Main Replacement | \$2,400,000 |
| 272 | Stafford Township | 1530004-019 | Mill Creek Water Main Replacement Phase II | \$1,900,000 |
| 181 | Sussex Borough | 1921001-004 | Water Meter Replacement Project | \$450,000 |
| 105 | Sussex Borough | 1921001-005 | Lake Rutherford Water Line Installation Project | \$1,221,600 |
| 102 | Sussex Borough | 1921001-006 | Water Systems Enhancements | \$250,000 |
| 186 | Trenton City | 1111001-010 | Rehabilitation of Distribution System by C&L of Mains | \$10,500,000 |
| 239 | Tuckerton Borough | 1532002-006 | Heron Road Water Main Replacement Project | \$1,470,150 |
| 506 | Vineland City | 0614003-016 | Well No. 17 Treatment Facility | \$9,000,000 |
| 207 | Vineland City | 0614003-017 | 2016 Water Distribution Rehabilitation Project | \$3,100,000 |
| 150 | Wall Township | 1352003-001 | Route 138 Water Main Improvements | \$1,800,000 |
| 150 | Wall Township | 1352003-002 | Route 34 Water Main Improvements | \$3,700,000 |
| 405 | Washington Township Municipal Utilities Authority | 0818004-010 | New Pump Houses at Well #2 & Well #8 | \$1,900,000 |
| 7 | Willingboro Municipal Utilities Authority | 0338001-009 | Well 5A Radium Treatment Facility | \$7,000,000 |
| 163 | Willingboro Municipal Utilities Authority | 0338001-011 | Well No. 6 Water Treatment Plant Upgrade | \$10,621,600 |
| 432 | Wonder Lakes Properties, Inc. | 1615017-003 | Replace hydro-pneumatic tank and install new tank | \$30,000 |
| 75 | Woodbine Borough | 0516001-001 | WTP Upgrade and water main extension | \$3,239,500 |

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| Rank | Applicant | Project Number | Project Name | Estimated Cost |
|-------|--|-------------------|---|-----------------|
| 378 | Woodland Heights Homeowners Association | 1615022-001 | Well Rehabilitation/System Improvements | \$560,000 |
| | | | | |
| Total | Number Drinking Water Base & Sandy Projects: | 155 | Total Estimated Drinking Water Base & Sandy Project Costs: | \$964,354,205 |
| | Total Number Drinking Water ects (including Supplemental): | 156 | Total Drinking Water Project Costs (including Supplemental): | \$967,954,205 |
| | | | | |
| | TOTAL NUMBER OF PROJECTS (CW, DW and Supplemental): | 396 | TOTAL PROJECT COSTS (CW, DW and Supplemental): | \$3,673,629,667 |

New Jersey Environmental Infrastructure Trust

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