

Requests submitted to the Subcommittee on Energy and Water

The following projects are under the jurisdiction of the Philadelphia District of the U.S. Army Corps of Engineers.

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Absecon Inlet, Atlantic County, NJ

Project Name: Absecon Inlet

Project Purpose: The requested funds will be used to perform maintenance dredging of Clam Creek and to monitor the project. This funding would provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.

Amount Requested: \$400,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Assunpink Creek, Hamilton Twp, NJ

Project Name: Assunpink Creek, Hamilton Twp, NJ

Project Purpose: The requested funds will be used to investigate flooding problems along the Assunpink Creek in Hamilton Township. This will help to determine the reason for the flooding and possible alternatives to prevent the damage and financial loss associated with flooding.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Barnegat Bay Watershed, NJ

Project Name: Barnegat Bay Watershed and Regional Sediment Management

Project Purpose: The requested funds will be used to investigate the possible beneficial uses of dredged material from existing and potential new projects in the area. The study will allow for comprehensive and efficient analysis of the beneficial uses of dredged material which will save taxpayer dollars in the long term and also benefit the local and regional economy.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Barnegat Inlet to Little Egg Harbor Inlet (Long Beach Island), NJ

Project Name: Barnegat Inlet to Little Egg Harbor Inlet (Long Beach Island), NJ

Project Purpose: The project will provide flood and coastal storm damage reduction with a beachfill and dune along the oceanfront of Long Beach Island. The requested funds will be used for project monitoring and initial beach nourishment in Long Beach Township and Beach Haven. This project provides protection to the homes, businesses and infrastructure in the area.

Amount Requested: \$26,125,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Barnegat Inlet, NJ

Project Name: Barnegat Inlet

Project Purpose: The requested funds will be used to perform maintenance dredging of the Inlet and Oyster Creek and perform hydraulic study and maintenance dredging of Flood Shoal. This project provides safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.

Amount Requested: \$4,665,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Brigantine Inlet to Great Egg Harbor Inlet (Absecon Island), NJ

Project Name: Brigantine Inlet to Great Egg Harbor Inlet (Absecon Island)

Project Purpose: The requested funds will be used to complete periodic beach nourishment and construction of the Atlantic City bulkhead. This project will provide protection to the homes, businesses and infrastructure in the area.

Amount Requested: \$21,000,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Brigantine Inlet to Great Egg Harbor Inlet (Brigantine Island), NJ

Project Name: Brigantine Inlet to Great Egg Harbor Inlet (Brigantine Island)

Project Purpose: The project provides flood and coastal storm damage reduction along Brigantine Island. The project will consist of berm and dune restoration along approximately 1.8 miles of coastline fronting the northern third of the city. The requested funds will be used for beach nourishment and monitoring that provides protection to homes, businesses and infrastructure.

Amount Requested: \$6,180,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Cape May Inlet to Lower Township, NJ

Project Name: Cape May Inlet to Lower Township

Project Purpose: This is a Flood and Coastal Damage Reduction project with a navigation component along the Atlantic Ocean Coast. The requested funds will be used for periodic beach nourishment which provides protection to the homes, businesses and infrastructure.

Amount Requested: \$10,300,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Cold Spring Inlet, NJ

Project Name: Cold Spring Inlet, NJ

Project Purpose: The requested funds will be used to perform maintenance dredging of the Inlet, Cape May Harbor and also to investigate shoaling as necessary to repair jetties to ensure the integrity of the channel and adjacent structures.

Amount Requested: \$2,600,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware Bay Coastline, DE & NJ Oakwood Beach, NJ

Project Name: Delaware Bay Coastline, DE & NJ Oakwood Beach, NJ

Project Purpose: The requested funds will be used to initiate berm construction and beachfill to provide protection to the homes, businesses and infrastructure.

Amount Requested: \$250,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Middle Township, NJ

Project Name: Delaware Bay Coastline, DE & NJ Reeds Beach and Pierces Point

Project Purpose: The requested funds will be used to initiate berm construction and beachfill to provide protection to the homes, businesses and infrastructure.

Amount Requested: \$5,000,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware Bay Coastline, DE & NJ Villas and Vicinity

Project Name: Delaware Bay Coastline, DE & NJ Villas and Vicinity

Project Purpose: The requested funds will be used to complete initial construction of a berm to provide protection to the homes, businesses and infrastructure. It will also provide aquatic ecosystem restoration and protection to improve the overall environmental quality within the community.

Amount Requested: \$7,800,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware Estuary, NJ

Project Name: Delaware Estuary Regional Sediment Management

Project Purpose: The goals of this project are to develop a long-term sustainable Regional Sediment Management Plan (RSMP) and to compile U.S. Army Corps of Engineers data to populate the New Jersey Department of Transportation's Dredged Material Management System (DMMS) GIS database and dredged material marketplace. This helps to provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers

Delaware River, NJ

Project Name: Delaware River and Tributaries Debris Removal

Project Purpose: The requested funds will be used to evaluate causes and extent of debris problems in the Delaware River, and then to implement debris removal in the interests of navigation, safety, ecosystem restoration, water quality improvement, habitat development and other related purposes.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware River, Camden, NJ

Project Name: Delaware River at Camden

Project Purpose: The requested funds will be used to provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.

Amount Requested: \$15,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware River Basin, NJ

Project Name: Delaware River Basin Comprehensive Interim Feasibility Study for New Jersey

Project Purpose: The requested funds will be used to evaluate the feasibility of Federal participation in implementing flood risk management solutions along the Delaware River in New Jersey. The study also investigates flooding and associated ecosystem restoration issues related to the levee along the Delaware River in Logan and Greenwich Townships.

Amount Requested: \$400,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware River Estuary, NJ

Project Name: Delaware River Estuary and Environmental Restoration

Project Purpose: The requested funds will be used to start a reconnaissance study to identify and provide a preliminary evaluation of environmental and habitat restoration opportunities in the Delaware Estuary as well as watershed management opportunities and ecosystem improvements in the Delaware River and Bay. This will provide aquatic ecosystem restoration and protection to improve the overall water and environmental quality in the area.

Amount Requested: \$150,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware River, NJ

Project Name: Delaware River, Philadelphia to the Sea

Project Purpose: The requested funds will be used for the annual maintenance dredging which provides safe, reliable, efficient, effective and environmentally sustainable navigation.

Amount Requested: \$23,115,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware River, NJ

Project Name: Delaware River, Philadelphia to Trenton, NJ and PA

Project Purpose: The requested funds will be used for the annual maintenance dredging which provides safe, reliable, efficient, effective and environmentally sustainable navigation.

Amount Requested: \$11,115,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Great Egg Harbor Inlet and Peck Beach (Ocean City), NJ

Project Name: Great Egg Harbor Inlet and Peck Beach (Ocean City), NJ

Project Purpose: The requested funds will be used for project monitoring of this periodic nourishment project. The material for the initial construction and periodic nourishment is being taken from the ebb shoal area located approximately 5,000 feet offshore of the Great Egg Harbor Inlet. This periodic dredging of the ebb shoal area will help alleviate the navigation difficulties in the inlet. This project provides flood and coastal storm damage protection to the area homes, businesses and infrastructure.

Amount Requested: \$500,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Great Egg Harbor Inlet to Townsends Inlet, NJ

Project Name: Great Egg Harbor Inlet to Townsends Inlet, NJ

Project Purpose: The requested funds will be used for the construction of a berm and for beachfill which will provide protection to area homes, businesses and infrastructure.

Amount Requested: \$20,000,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Delaware Bay, DE & NJ

Project Name: Habitat Productivity Restoration of Delaware Bay, DE & NJ

Project Purpose: The requested funds will be used to initiate a study to expand upon the ongoing and successful efforts to create habitat resources for the native oyster population in the Delaware Bay. Efforts will include direct shell planting, transplanting oysters, and monitoring. A diverse habitat and commercial fishery threatened with extinction will be preserved by this project. This will support the oyster industry in New Jersey.

Amount Requested: \$2,000,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Hereford Inlet to Cape May Inlet, NJ

Project Name: Hereford Inlet to Cape May Inlet, NJ

Project Purpose: The study area was investigated as part of the New Jersey Shore Protection Reconnaissance Study completed in 1990. Since that time erosion has accelerated in North Wildwood, while accretion has continued along the central and southern portions of the island causing health, environmental and storm-water drainage problems. The requested funds will be used to complete feasibility phase including technical and independent peer review for the recommended plan.

Amount Requested: \$450,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Lower Cape May Meadows, Cape May Point, NJ

Project Name: Lower Cape May Meadows, Cape May Point, NJ

Project Purpose: This is an ecosystem restoration and flood and coastal storm damage reduction project with a navigation mitigation component. The Meadows consists of important coastal freshwater wetlands, which are vital resting areas for shorebirds and birds of prey during their seasonal migration along the Atlantic flyway. The project restores and protects fish and wildlife habitat and provides flood and storm damage reduction throughout the entire study area. The requested funds will be used for the completion of the 2nd beach nourishment cycle, providing protection to area homes, businesses, and infrastructure.

Amount Requested: \$13,920,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Manasquan Inlet to Barnegat Inlet, NJ

Project Name: Manasquan Inlet to Barnegat Inlet, NJ

Project Purpose: Funding would be used to begin initial construction by initiating and completing the Limited Reevaluation Report and drafting the Project Partnership Agreement (PPA). This project is a Flood and Coastal Storm Damage Reduction project designed to protect homes, businesses and infrastructure.

Amount Requested: \$250,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Manasquan River, Howell Township, NJ

Project Name: Manasquan River, Howell Township, NJ

Project Purpose: The project consists of proposed bank stabilization along the right bank of the river parallel to Bergerville Road at a sharp curve in the river. The bank is experiencing severe erosion at the toe, creating a vertical scarp of fifteen to twenty feet from the base of the slope. If erosion is allowed to continue, the roadway will be further undercut and failure of the road will result.

Amount Requested: \$500,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Manasquan River, NJ

Project Name: Manasquan River, NJ

Project Purpose: Manasquan River connects the New Jersey Intracoastal Waterway with the Atlantic Ocean. The requested funds will be used to perform maintenance dredging of the entrance channel and to monitor the jetty. This will help to provide safe, reliable, efficient, effective navigation.

Amount Requested: \$555,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Mason Point Dike Wetlands Restoration, Alloways Creek, NJ

Project Name: Mason Point Dike Wetlands Restoration, Alloways Creek, NJ

Project Purpose: The feasibility study will evaluate alternatives to replacing a failed salt hay farm dike at a State Wildlife Management Area and restoring wetlands by improving tidal flushing and habitat restoration while protecting local roads, residences and a National Historic Landmark site.

Amount Requested: \$150,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Maurice River Watershed, NJ

Project Name: Maurice River Watershed, NJ

Project Purpose: The requested funds will be used for a reconnaissance study of the Maurice River Watershed to investigate solutions to reverse the severe shoreline erosion and wetland loss that is a threat to commercial navigation. The study will investigate the possibility of implementing solutions for the purpose of ecosystem restoration, habitat development, flood damage reduction, and navigational improvements.

Amount Requested: \$150,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Musconetcong River Dam Removals, Milford, NJ

Project Name: Musconetcong River Dam Removals, Milford, NJ

Project Purpose: The requested funds will be used to investigate the removal of dams to provide migratory fish passage in this National Wild and Scenic designated river to valuable spawning and foraging grounds. The aquatic ecosystem restoration and protection will improve the overall environmental quality of the region.

Amount Requested: \$100,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Coastline from Sandy Hook to Cape May, NJ

Project Name: New Jersey Alternative Long-Term Nourishment Study

Project Purpose: Work will continue to evaluate New Jersey's coastal projects as a system to ensure maximum benefits are achieved from the Federal investment and reduce long-term periodic nourishment costs. This includes developing a regional sediment budget and an improved understanding of regional coastal processes, implementation of an efficient regional

monitoring program, and development of a comprehensive beach, inlet, and borrow area management strategy.

Amount Requested: \$300,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
New Jersey Intracoastal Waterway, NJ

Project Name: New Jersey Intracoastal Waterway, NJ

Project Purpose: The New Jersey Intracoastal Waterway navigation project extends 117 miles from the Manasquan River to Delaware Bay and is used by commercial as well as recreational vessels. This navigation project provides for a channel 12 feet deep and generally 100 feet wide from the Atlantic Ocean at Manasquan Inlet through Point Pleasant Canal to Delaware Bay above Cape May Point. The project also provides jetties for the protection of the Delaware Bay entrance of the canal and to provide maintenance dredging.

Amount Requested: \$8,460,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
New Jersey Intracoastal Waterway, South of Ocean City, NJ

Project Name: New Jersey Intracoastal Waterway, CDF 85C Restoration, South of Ocean City, NJ

Project Purpose: The requested funds will be used to modify the existing dredged material placement site to eradicate invasive plant species populations and provide habitat for both terrestrial and aquatic species.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Atlantic City, NJ

Project Name: New Jersey Intracoastal Waterway, Dredged Hole 34 Restoration, NJ

Project Purpose: The Dredged Hole 34 Restoration Project involves partially filling the existing dredged hole with approximately 450,000 cubic yards of dredged material from NJIWW maintenance dredging to within 19 feet of the water surface and restore approximately 16 acres of fisheries habitat. The requested funds will be used to complete the design effort.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Ocean City, NJ

Project Name: New Jersey Intracoastal Waterway, Dredged Hole 35 Restoration, NJ

Project Purpose: The Dredged Hole 35 Restoration Project involves filling the existing dredged hole with approximately 118,000 cubic yards of dredged material from NJIWW maintenance dredging to restore approximately 4 acres of submerged aquatic vegetation and fisheries habitat. The requested funds will be used to complete the design effort.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Pennsville, Salem County, NJ

Project Name: Pennsville, Salem County, NJ

Project Purpose: The study is intended to investigate flooding problems in the vicinity of Salem Creek in low-lying areas on the east side of the Township. Structural and non-structural alternatives will be evaluated.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Cumberland County, NJ

Project Name: Pine Mount Creek/Mill Creek, Habitat Restoration, Cumberland County, NJ

Project Purpose: This project restores a dike and creates a wildlife management area along the Cohansey River at the mouth of Pine Mount Creek and Mill Creek. Funding would be used to complete the project design study.

Amount Requested: \$200,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Cape May County, NJ

Project Name: Pond Creek Salt Marsh Restoration Project, Cape May County, NJ

Project Purpose: This project will restore Pond Creek to an estuarine intertidal emergent marsh, dominated by native species such as salt meadow cordgrass. This will be accomplished by reducing common reed, which is the current dominate vegetation at Pond Creek.

Implementation of the project goal will be accomplished by reestablishing daily tidal inundation to an increased amount of marsh at Pond Creek. Funds will be used to complete design and initiate and complete construction of a new channel and water control structure to restore Pond Creek Salt Marsh to its natural state.

Amount Requested: \$1,531,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Oaklyn, NJ

Project Name: Restoration of Peter Creek Lake, Oaklyn, NJ

Project Purpose: The requested funds will be used to study the feasibility of dredging the lake, restoring tidal influence and enhancing freshwater wetlands and open water areas.

Amount Requested: \$150,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Salem River, Salem County, NJ

Project Name: Salem River, NJ

Project Purpose: The requested funds will be used to provide periodic maintenance dredging of an entrance channel from the Delaware River to the fixed highway bridge (Route 49) in Salem, New Jersey.

Amount Requested: \$2,310,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Seaside Park, Ocean County, NJ

Project Name: Seaside Park, Ocean County, NJ

Project Purpose: The area is subject to erosion of the bayside beaches, which contributes to the larger problem of tidal flooding of streets and residences. The requested funds will be used for a study to determine effective and efficient solutions to the flooding.

Amount Requested: \$100,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Townsend Inlet to Cape May Inlet, NJ

Project Name: Townsend Inlet to Cape May Inlet, NJ

Project Purpose: The requested funds will be used for periodic beach nourishment which provides protection to the area homes, businesses and infrastructure.

Amount Requested: \$19,000,000

Intended Recipient and Location: Philadelphia District of the U.S. Army Corps of Engineers
Trenton, NJ

Project Name: Trenton Marine Terminal

Project Purpose: Bank erosion and wave action threaten a municipal sewage treatment outfall structure and City Park infrastructure at the Trenton Marine Terminal along the Delaware River front in Trenton. The requested funding will be used to study the area and develop solutions.

Amount Requested: \$100,000

Intended Recipient and Location: Delaware River Basin Commission
25 State Police Drive, West Trenton, NJ 08628

Project Name: Mid Atlantic River Basin Commissions

Project Purpose: To fulfill the federal obligation to support the current expense budgets of the three commissions pursuant to the Delaware River Basin Compact, Susquehanna River Basin Compact and the Interstate Commission on the Potomac River Basin Compact and in accordance with the Water Resources Development Act of 2007. The requested funds will be used to manage the shared waters without regard to political boundaries. Management of these regional water resources is necessary to protect public health, safety, and welfare.

Amount Requested: \$2,365,000

The following projects are under the jurisdiction of the New York District of the U.S. Army Corps of Engineers.

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Hudson Raritan Estuary – Hackensack Meadowlands

Project Name: Hudson Raritan Estuary – Hackensack Meadowlands

Project Purpose: Much of the wetland area in the Meadowlands is degraded and contamination from extensive landfills in the area is common. The requested funds will be used to complete the feasibility phase of this ecosystem restoration project which will help to enhance water quality as well as fish and wildlife habitat.

Amount Requested: \$223,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Hudson Raritan Estuary-Lower Passaic River

Project Name: Hudson Raritan Estuary-Lower Passaic River Restoration Feasibility Study

Project Purpose: The HRE-Lower Passaic River Restoration Project is a multi-agency study to develop a comprehensive watershed-based plan for the remediation and restoration of the Lower Passaic River Basin. A comprehensive watershed-based plan for the remediation and restoration of the Lower Passaic River basin will benefit all area residents by providing clean water and soil.

Amount Requested: \$200,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Hudson-Raritan Estuary, NY & NJ

Project Name: Hudson-Raritan Estuary, NY & NJ

Project Purpose: The requested funds will be used to continue the feasibility study, including the draft Comprehensive Restoration Plan (CRP), and the evaluation of the restoration opportunities that are outlined in the CRP. The CRP will serve as the master plan, consensus vision and strategy for future ecosystem restoration in the Harbor. In addition, the study will seek to advance environmental efforts to be commensurate with NY-NJ Harbor navigation improvements to advance the vision of a World Class Estuary.

Amount Requested: \$1,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Bergen County, NJ

Project Name: Lower Saddle River, New Jersey

Project Purpose: Flooding occurs in the lower Saddle River basin area along the Saddle River and Sprout Brook in the municipalities of Garfield, Wallington, South Hackensack, Lodi, Saddle Brook, Rochelle Park, Paramus, and Fair Lawn, New Jersey. The area has experienced several significant flooding events including severe damage from the April 2007 storm. This project would reduce the damage from floods by modifying several channels.

Amount Requested: \$400,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Passaic River, Harrison, NJ

Project Name: Passaic River, Harrison, NJ

Project Purpose: The project involves the construction of features for flood protection along the Passaic River in the Town of Harrison, New Jersey. The authorized plan for flood damage reduction includes a total of 7,450 linear feet of levee and floodwall with 8 closure structures. Funds will be used to complete the pre-construction engineering and design phase.

Amount Requested: \$160,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Passaic River Main Stem, New Jersey

Project Name: Passaic River Main Stem, New Jersey

Project Purpose: The Passaic River Basin suffers from severe and repeated flooding. In addition to the flood damages that occur in over thirty-five municipalities in the basin, environmental damage from flooding has also occurred. Significant interruption to businesses and transportation has also resulted in hardship in the basin and region after each flood event. The project consists of several elements including an underground diversion tunnel, levees and floodwalls, and the acquisition of natural flood storage areas.

Amount Requested: \$250,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Peckman River and Tributaries, NJ

Project Name: Peckman River and Tributaries, New Jersey

Project Purpose: The Basin experiences frequent flooding from intense thunderstorms and heavy rainfall. Funding will be used to complete a study to review alternatives to reduce flood damage to area residents and businesses.

Amount Requested: \$629,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Rahway River Basin, NJ

Project Name: Rahway River Basin, NJ

Project Purpose: The requested funds will be used to support flood control and ecosystem restoration study activities including, data gathering, surveys, hydraulic modeling, site visits, economic formulation, and other elements.

Amount Requested: \$500,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan Bay and Sandy Hook Bay, Highlands, NJ

Project Name: Raritan Bay and Sandy Hook Bay, Highlands, NJ

Project Purpose: Highlands has a history of devastating flood damages. Approximately 880 residential and commercial structures are subject to severe flooding and many roadways are flooded during severe storm events, cutting off access to large portions of Highlands. These funds would be used to complete the study of the area including a screening of alternatives to relieve this flooding and the formation of a plan.

Amount Requested: \$407,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan Bay and Sandy Hook Bay, Leonardo, NJ

Project Name: Raritan Bay and Sandy Hook Bay, Leonardo, NJ

Project Purpose: The requested funds will be used for the pre-construction, engineering and design phase of this effort to reduce flood damage to homes and businesses in the Leonardo area.

Amount Requested: \$100,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan Bay and Sandy Hook Bay, Union Beach, NJ

Project Name: Raritan Bay and Sandy Hook Bay, Union Beach, NJ

Project Purpose: Low-lying residential and commercial structures in the area experience flooding caused by coastal storm inundation. This problem has progressively worsened in recent years due to loss of protective beaches and increased urbanization in the area with structures susceptible to flooding from rainfall and coastal storm surges, erosion and wave attack, combined with restrictions to channel flow in the tidal creeks. Funds will be used to design and implement a storm damage reduction project designed to assist the residents and businesses in the Union Beach area.

Amount Requested: \$250,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
South River, Raritan River Basin, NJ

Project Name: South River, Raritan River Basin, NJ

Project Purpose: The South River is tidally controlled from its mouth upstream to Duhernal Lake Dam. The area is prone to imminent and severe flooding from hurricanes and other storms, with significant flooding. Funding would be used to implement a plan designed to protect the area from hurricane and storm damage.

Amount Requested: \$400,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Stony Brook, Millstone River Basin, NJ

Project Name: Stony Brook, Millstone River Basin, NJ

Project Purpose: Frequent flooding occurs along the Millstone River and Stony Brook low-lying and relative flat floodplain. Funding will be used to continue feasibility phase, including data gathering and analyses, screening of alternatives, plan formulation and environmental scoping efforts.

Amount Requested: \$500,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Hackensack Meadowlands, New Jersey

Project Name: Hackensack Meadowlands, New Jersey

Project Purpose: This project provides technical engineering, design and related support to the New Jersey Meadowlands Commission in the areas of environmental restoration and flood damage reduction to reduce the potential for damage and financial loss associated with flooding. The requested funds will be used to initiate design to rehabilitate non-functional tide gates in the upper regions of Berry's Creek

Amount Requested: \$300,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Hudson Raritan Estuary, Liberty State Park

Project Name: Hudson Raritan Estuary, Liberty State Park

Project Purpose: The Hudson-Raritan Estuary, Liberty State Park (LSP) project area is 234 acres of undeveloped semi-degraded parkland within a fenced area of LSP. In the absence of Federal action, it is anticipated that the area ecosystem will remain in a degraded condition. Restoration will include reintroduction of tidal wetlands habitat, protection and enhancement of freshwater wetlands, which will help to restore the natural habitat providing cleaner water and reducing sediment contamination.

Amount Requested: \$21,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Projects in North Jersey

Project Name: Inspection of Completed Works, NJ

Project Purpose: The requested funds will be used to provide for the continued inspection of projects in the State of New Jersey by the Corps of Engineers to insure the highest level of protection afforded by these projects.

Amount Requested: \$120,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Jackson Brook, Morris County, New Jersey

Project Name: Jackson Brook, Morris County, New Jersey

Project Purpose: The Jackson Brook watershed is a 4.7 square mile area that covers parts of four municipalities – the Township of Randolph, the Township of Mine Hill, the Borough of Wharton and the Town of Dover. Severe flooding and erosion have occurred to the homes and property in the area. Funding will be used to complete the design phase.

Amount Requested: \$1,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Newark, NJ

Project Name: Joseph G. Minish Historic Waterfront Park

Project Purpose: The requested funding will be used to continue the bulkhead construction and riverbank stabilization. This will help reduce the potential for damage and financial loss associated with flooding.

Amount Requested: \$9,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
New York and New Jersey Channels, Arthur Kill Reach, NJ

Project Name: New York and New Jersey Channels, NJ

Project Purpose: The Channels support over 111 million tons of bulk cargo, including 190 million barrels of petroleum products valued at \$12 billion. Failure to dredge critical channel segments in a timely manner could create unsafe navigation conditions and increased transportation costs.

Amount Requested: \$10,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
New York Harbor, NY & NJ

Project Name: New York Harbor, NY & NJ, Drift Collection

Project Purpose: The project effort consists of locating, collecting, removing and disposing of up to 530,000 cubic feet of drift and floatables per year, which equates to 225 forty-foot highway tractor-trailers. The requested funds will be used to continue drift collection operations in New York & New Jersey Harbor providing for the safe navigation of vessels transiting the harbor.

Amount Requested: \$9,200,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
New York Harbor, NY&NJ

Project Name: New York Harbor, NY&NJ (Prevention of Obstructive Deposits)

Project Purpose: The requested funding will be used to continue to provide vessel-based surveillance of the waters of the New York and New Jersey Harbor-Estuary, as well as to conduct enforcement against those who pollute the waterways or create unacceptable hazards to safe commercial and recreational navigation.

Amount Requested: \$1,295,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Newark Bay, Hackensack, and Passaic Rivers, New Jersey

Project Name: Newark Bay, Hackensack, and Passaic Rivers, New Jersey

Project Purpose: The requested funding will be used to dredge shoals in the Newark Bay Federal Navigation Channels. This maintenance dredging allows for the safe transport of almost 30 million tons of bulk cargo.

Amount Requested: \$10,200,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
NY & NJ Harbor

Project Name: NY & NJ Harbor Deepening

Project Purpose: The New York/New Jersey seaport is the largest container port on the East Coast with a general cargo value of approximately \$166 billion. Funding will be used for ongoing dredging activities to allow for the safe navigation of large vessels vital to the local, regional and national economy.

Amount Requested: \$107,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Highland Park, NJ

Project Name: Mill Brook, Highland Park, NJ

Project Purpose: A persistent flooding problem exists along Mill Brook, with the affected area being subject to inundation and structural damage from an increase in water surface elevation. The existing culvert is now unable to accommodate this increased flow and approximately 200 structures are subject to chronic flooding. Funding will help to prevent further flooding and damages to homes and businesses.

Amount Requested: \$350,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Passaic River Basin, NJ

Project Name: Passaic River Flood Warning System, NJ

Project Purpose: The Passaic Flood Warning System (PFWS) provides first responders immediate access to flood data and a communications network capable of receiving instantaneous watches/warnings from various agencies. Maintenance will be performed on the system to ensure reliable data reception and transmission throughout the PFWS, protecting residents and homes in 132 communities in New Jersey.

Amount Requested: \$600,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Peckman River and Tributaries, NJ

Project Name: Poplar Brook, Deal and Ocean Township, NJ

Project Purpose: A recurring flooding problem exists along Poplar Brook as a result of restrictive flow characteristics owing to insufficient cross-sectional areas of the channel and several inadequately sized culverts. The specific opportunities identified for this study are to reduce the flood hazards and associated urban damages from fluvial floods; to maintain the fish and wildlife resources of the existing stream, as well as the cultural attributes of significant sites found within potential project boundaries; and to ensure the integrity of the water quality of the stream in the study area.

Amount Requested: \$4,250,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Project Condition Surveys, NJ

Project Name: Project Condition Surveys, NJ

Project Purpose: This project consists of performing hydrographic surveys of completed and federally maintained New Jersey State Federal Navigation Projects within the boundaries of the New York District. Monitoring the condition of high use, deep draft, commercial channels in the Port of NY & NJ and communicating the condition to port channel users is critical for the safety and efficient operation of the Port.

Amount Requested: \$1,953,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Ramapo River, Bergen County, NJ

Project Name: Ramapo at Oakland

Project Purpose: A recent Nor-easter storm in the area damaged the newly constructed mitigation weir. Funding would be used to repair the damaged mitigation weir.

Amount Requested: \$900,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan Bay and Sandy Hook Bay, Port Monmouth, NJ

Project Name: Raritan Bay and Sandy Hook Bay, Port Monmouth, NJ

Project Purpose: This project involves the construction of approximately 7,070 feet of levees, 3,585 feet of floodwalls, 2,640 feet of dune, a storm- tide gate, and periodic beach nourishment on a 10-year cycle. The requested funds will be used to initiate and complete the beachfill contract, providing flood control and protection, reducing the potential for damage and financial loss associated with flooding.

Amount Requested: \$3,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan River Basin, Green Brook Sub-basin, New Jersey

Project Name: Raritan River Basin, Green Brook Sub-basin, New Jersey

Project Purpose: Funds would be used to initiate construction of flood damage reduction features such as levees, bridge raisings, etc. in Middlesex Boro and Green Brook. This project provides flood control and protection by reducing the potential for damage and financial loss associated with flooding.

Amount Requested: \$10,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan River to Arthur Kill Cutoff, NJ

Project Name: Raritan River to Arthur Kill Cutoff

Project Purpose: The requested funds will be used for maintenance dredging of the area which will maintain the authorized project dimensions, thereby assuring safe and economical use of the Raritan River to Arthur Kill Cut-Off Channel by shipping interests.

Amount Requested: \$2,900,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Raritan River, New Jersey

Project Name: Raritan River, New Jersey

Project Purpose: The requested funds will be used to plan for future maintenance dredging of the remaining shoals on the Raritan River, providing safe, reliable, efficient, effective and environmentally sustainable transportation systems for movement of commerce, national security needs, and recreation.

Amount Requested: \$225,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Sandy Hook Bay at Leonardo, New Jersey

Project Name: Sandy Hook Bay at Leonardo, New Jersey

Project Purpose: The requested funds will be used to maintenance dredge critical shoals. Failure to dredge adversely affects State-run marina operations by decreasing accessibility from the harbor to the Lower Bay of NY. Maintenance dredging could reduce risk to the public and restore channel to authorized depth in more critical locations.

Amount Requested: \$250,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Sandy Hook to Barnegat Inlet, New Jersey

Project Name: Sandy Hook to Barnegat Inlet, New Jersey

Project Purpose: The requested funds will be used for the beach renourishment of Monmouth Beach. This project will provide flood and storm protection to the homes, businesses and infrastructure in the area.

Amount Requested: \$10,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Shoal Harbor and Compton Creek, Monmouth County, NJ

Project Name: Shoal Harbor and Compton Creek, Monmouth County, NJ

Project Purpose: The requested funds will be used to continue engineering and design work for future maintenance of critical shoals in the harbor and creek. Maintenance of shoals in the harbor and creek allow for the safe passage of approximately 700,000 ferry passengers who use the ferry services annually.

Amount Requested: \$250,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers

Shark River, NJ

Project Name: Shark River, NJ

Project Purpose: The ocean bar shoal in the inlet reach and the spot shoal in the inlet reach will be dredged with the government dredge - Currituck. The remaining funds will be used to perform Engineering and Design for future maintenance dredging of silty inland portion of Shark River Inlet. The dredging provides safe navigation in the channel, which contains fishing fleet, and various marine businesses.

Amount Requested: \$13,000,000

Intended Recipient and Location: New York District of the U.S. Army Corps of Engineers
Shrewsbury River, NJ

Project Name: Shrewsbury River, NJ

Project Purpose: The removal of shoals will provide a fully navigable channel for a large recreational boating population, registering more than 7,000 trips annually. Maintenance dredging would reduce the risk to the public and restore the channel to authorized depth at various locations. Funding would be used to plan for future maintenance dredging.

Amount Requested: \$250,000

Intended Recipient and Location: Township of Irvington, Civic Square, Irvington, NJ

Project Name: Irvington Elizabeth River Channel Reconstruction

Project Purpose: The requested funds will be used for reconstruction, repair and clean-up of the Elizabeth River Channel, a conduit constructed by the Army Corps of Engineers in the 1930s that runs the central length of Irvington from north to south for approximately six miles with a depth of about five feet. The channel walls are weak and broken in many locations. The channel in its present condition is a flood and public health hazard as well as a blight on the community. Restoring the channel will reduce flood damage and help restore the community.

Amount Requested: \$ 650,000

Intended Recipient and Location: South Central Middlesex County Flood Control
Commission

75 Bayard Street, Rm 230, New Brunswick, NJ 08901

Project Name: Preparation of Flood Plain Delineation Maps for Drainage Basins

Project Purpose: The requested funds will be used to prepare Flood Plain Delineation Maps for the Drainage Basins of the Manalapan and Matchaponix Brooks. This is the first step to undertaking specific capital projects to deal with the major flooding problems in these areas of Middlesex County.

Amount Requested: \$500,000

The following projects will help increase energy efficiency and advance innovations in energy technologies.

Intended Recipient and Location: Atlantic Health, Morristown, NJ

Project Name: Atlantic Health Energy Efficiency Initiative

Project Purpose: Atlantic Health is currently seeking to acquire and implement a power cogeneration system at Overlook Hospital in Summit, New Jersey. Cogeneration systems yield a higher percentage of energy than conventional means via electricity obtained from the utility grid, or traditional onsite fuel oil, and/or natural gas generation methods. The cogeneration systems sought by Atlantic Health will be used to generate electric, steam, chilled and hot water for the hospital.

Amount Requested: \$ 2,000,000

Intended Recipient and Location: Bergen Performing Arts Center (BergenPAC), Englewood, NJ

Project Name: Energy Effectiveness in Historic Theater

Project Purpose: Bergen PAC's energy effectiveness proposal will utilize modern-day technologies that will reduce energy consumption by two-thirds of its current rate, enhance overall productivity, and create an environment that is safer and cleaner for the community it serves, reducing our carbon footprint. These new upgrades can save as much as 40% while being a model for other historical theaters.

Amount Requested: \$ 500,000

Intended Recipient and Location: Borough of Flemington, Flemington, NJ

Project Name: Flemington Main Street Green and Solar Roof

Project Purpose: The requested funds are for the renovation of municipal roofs to install vegetative and photovoltaic systems that will reduce costs and mitigate pollution. The photovoltaic systems installed will create useable power from a renewable resource and help to reduce Flemington's reliance on more traditional energy sources.

Amount Requested: \$ 675,000

Intended Recipient and Location: Borough of Bernardsville, Bernardsville, NJ

Project Name: Energy Conservation - Installation of Solar Panels

Project Purpose: The requested funds are for the purchase and installation of solar panels for the Bernardsville Public Library which will reduce overall energy costs for the residents and benefit the environment. The Bernardsville Green Initiative (BGI), created by the Bernardsville Environmental Commission, promotes energy efficiency based on the state's strategic plan and the growing awareness of green sustainable communities.

Amount Requested: \$ 816,500

Intended Recipient and Location: Borough of Waldwick, Waldwick, NJ

Project Name: Geothermal Project at the Public Safety Building

Project Purpose: The requested funds are for the installation of geothermal heat pumps (GHPs) to heat and cool the Borough of Waldwick's Public Safety building. GHPs use very little electricity and are very easy on the environment. GHPs reduce electricity use 30-60% compared with traditional heating and cooling systems because the electricity that powers them is used only to move heat, not to produce it.

Amount Requested: \$ 375,000

Intended Recipient and Location: Borough of West Long Branch, West Long Branch, NJ

Project Name: West Long Branch Police Building Solar Energy

Project Purpose: The Borough of West Long Branch, by installing solar energy to supplement the Borough Police facility power requirement, will save utility costs which annually consume an ever increasing portion of the operating cost of the municipal budget. In addition to being able to pass these cost savings on to the tax payer, the solar energy will lessen the degree of the Boroughs dependency on the private energy supplier. The alternate power supply will also contribute to delivering a cleaner energy supply to the facility.

Amount Requested: \$350,000

Intended Recipient and Location: Burlington Twp. Fire Dept, Burlington, NJ

Project Name: Solar Panel project for new Firehouse/ Emergency Operations Center

Project Purpose: The requested funds are to install a solar panel system on a new Firehouse/ Emergency Operations Center. This project would pay for the design, purchase and installation of a 50 kilowatt solar panel system on the new Center. It would save taxpayers an estimated \$50,000 a year on energy savings with a life span of 20 years, which will save well over \$5 million for a \$500,000 investment.

Amount Requested: \$ 500,000

Intended Recipient and Location: City of Brigantine, Brigantine, NJ

Project Name: Solar Panels for Community Center

Project Purpose: This project is seeking funding for solar panels which would complete the entire Community Center Project. The solar panels will create savings for the city and be a benefit to the taxpayers who live in the City of Brigantine. This Community Center has upgraded all mechanical systems, glass and insulation to become a green building. Energy efficiency is the main focus with the City of Brigantine for the future.

Amount Requested: \$500,000

Intended Recipient and Location: City of Perth Amboy, Perth Amboy, NJ

Project Name: Municipal Energy Savings Initiative

Project Purpose: The requested funds will be used to install energy saving features for the city's water system and reservoirs. To this end, the city would like to conduct a preliminary assessment of energy costs associated with the Water Treatment Plant and specifically study which energy-efficient system installations will reduce costs and make the plant and the pumping stations a greener, more efficient facility. In addition, the city would like to determine the return on investment for solar panel installation or other forms of energy conservation or generation.

Amount Requested: \$ 350,000

Intended Recipient and Location: City of Vineland, Vineland, NJ

Project Name: Vineland Center City Lighting Renovation Project

Project Purpose: Vineland proposes the conversion of approximately 500 HPSV/MV street light fixtures in Center City Vineland with energy efficient LED Lighting. In conjunction with the city's Energy Efficiency Conservation Strategy (EECS), these requested appropriation funds will be utilized to implement strategies to reduce fuel emissions, reduce total energy use, and improve energy efficiency. Conversion of Center City's obsolete street lighting fixtures with LED lighting maintains equivalent lumen output with 20% less energy input, contains minimal levels of mercury, boasts longer life-spans and reduces light pollution.

Amount Requested: \$ 500,000

Intended Recipient and Location: Cooper Health, Camden, NJ

Project Name: South Jersey Cancer Center Energy Efficiency Initiative

Project Purpose: Cooper is seeking assistance with funding technology for the “green” roof, which will include solar panels for power generation, natural vegetation plantings to reduce the heat island effect as well as to install a healing garden, and subsurface roof tanks to allow for water reuse and reduced storm water runoff. These additions will result in more efficient hospital operations, significantly reduced fossil fuel consumption, and better air quality for the people of New Jersey.

Amount Requested: \$ 1,200,000

Intended Recipient and Location: County of Hudson, Jersey City, NJ

Project Name: Alternative Energy System for County Emergency Operation Center

Project Purpose: The requested funds are to install solar panels and other alternative energy systems in the county’s new Emergency Operation Center (EOC) facility. The county will ensure the new facility’s self-sufficiency by including an array of alternative energy components such as a solar array, windmill, and a green-planted roof to filter rain water to a cistern for re-use in flushing of toilets. The building has been designed to achieve a Silver LEED Certification with the incorporation of various other sustainable features. Together, the solar panels and windmill will generate 83kw per day and can be expanded to eventually produce 143kw, which may allow the facility to sell electricity back to the grid.

Amount Requested: \$ 1,000,000

Intended Recipient and Location: Englewood Hospital and Medical Center, Englewood, NJ

Project Name: Energy Efficiency Upgrades, EHMC

Project Purpose: The funding will be used for energy efficiency upgrades at the Berrie Center, which houses the Cytodiagnosis and Breast Care Center, the Ambulatory Surgery Center, which includes seven highly sophisticated surgical suites, a Radiology and Imaging Center, and Rehabilitation Medicine for physical therapy, occupational therapy, and cardiac rehabilitation therapy. The funding will be used directly for the purchase of equipment and for system upgrades specifically designed to reduce energy consumption and provide a long-term cost savings in these facilities

Amount Requested: \$ 1,500,000

Intended Recipient and Location: Englewood Hospital and Medical Center, Englewood, NJ

Project Name: Energy Efficient Expansion of Breast Cancer Center

Project Purpose: The requested funds will be used to purchase green roofing materials/energy efficiency upgrades for breast cancer treatment center expansion. The funding will be used directly for the purchase of materials designed to reduce energy consumption, lessen the environmental impact and provide a long-term cost savings. These materials include TPO roof membrane, LED down lights, sensors for occupancy and exit signs and low flow faucets and water closets.

Amount Requested: \$ 1,100,000

Intended Recipient and Location: Heart of Camden, Camden, NJ

Project Name: WSRP - Renewable Energy & Energy Efficiency

Project Purpose: This project will install solar panels and employ energy efficiency strategies in the conversion of a neighborhood historic landmark into an energy efficient community center in Waterfront South, Camden. Funding will be used for the installation of a 40kw DC solar electric system which will produce approximately 45,000kw of AC electricity and research and implement other energy efficiency strategies such as energy management controls and LED lighting systems.

Amount Requested: \$ 300,000

Intended Recipient and Location: Maryville, Inc, Williamstown, NJ

Project Name: Going Green

Project Purpose: The requested funds will be used to purchase solar panels for their residential facility in order to decrease costs and increase energy efficiency. The new equipment is estimated to generate 41,816 KWh/yr and provide Maryville with an opportunity to dramatically increase energy efficiency.

Amount Requested: \$ 211,869

Intended Recipient and Location: Morris Museum, Morristown, NJ

Project Name: Energy Conservation Project

Project Purpose: The Morris Museum seeks federal funding to make upgrades and operating modifications that reduce the Museum's energy consumption. Funding will be used to purchase energy efficient HVAC equipment and lighting upgrades. The purpose of this project is to reduce the overall energy usage of the Morris Museum through electric and heating energy conservation measures.

Amount Requested: \$ 605,000

Intended Recipient and Location: North Bergen Board of Education, North Bergen, NJ

Project Name: North Bergen Board of Education -School Lighting Upgrades

Project Purpose: This project is for the replacement of lighting fixtures throughout the North Bergen Schools from energy draining and inefficient fixtures to more energy efficient fixtures. The changes will result in cost savings that can average from 40% to 45%; provide more energy efficient lighting fixtures; generate more lighting with less electricity; generate less heat and reduce cooling costs.

Amount Requested: \$ 840,480

Intended Recipient and Location: Passaic Valley Water Commission

Project Name: Passaic Valley Water Commission (PVWC) Hydro Electric Turbine

Project Purpose: The purpose of this project is to complete the initial repairs and comprehensive maintenance to three hydro-electric generators in order to reestablish this green energy source. Repair of the hydro-electric generators will allow PVWC to generate energy in a more environmentally responsible manner and also reduce energy costs. Additionally, upgrades

to the hydro-electric generators would allow PVWC to continue to meet its mission: to provide clean drinking water to its customers at the highest quality, service, reliability at a competitive price.

Amount Requested: \$360,000

Intended Recipient and Location: Princeton Township, Princeton, NJ

Project Name: Princeton Community Renewable Energy Project

Project Purpose: Funding will be used for the installation of a Photovoltaic solar system. A field of approximately 1.5 acres of photovoltaic solar panels will be installed that will provide renewable electrical energy that will be used to satisfy much of the power demands of the Princeton Township Municipal Building.

Amount Requested: \$ 1,000,000

Intended Recipient and Location: Rowan University, Glassboro, NJ

Project Name: Algae-Based Renewable Fuel Initiative

Project Purpose: This project is to research and demonstrate large-scale production of algae-based renewable fuel at a bioreactor facility. Algae-based renewable fuel holds great promise because of the role that carbon dioxide plays in the growth of algae; scientists hope to apply carbon dioxide sequestration efforts to productive use in other stages of energy or industrial production.

Amount Requested: \$1,000,000

Intended Recipient and Location: Rutgers, The State University of New Jersey, New Brunswick, NJ

Project Name: Livingston Campus Geothermal Energy System

Project Purpose: Funding will be used to install geothermal technology to support the heating and cooling of the redeveloping Livingston Campus. The Livingston Campus Geothermal Energy System will allow buildings on the campus to have a connection to a central geothermal borefield system as the basis for their heating and cooling needs. In addition to the .6 million kilowatts of electricity and 46,000 terms of natural gas annually that Rutgers will save with this technology, this project is an ideal showcase as well as a teaching opportunity on the importance of sustainability.

Amount Requested: \$ 2,500,000

Intended Recipient and Location: Shore Memorial Hospital, Somers Point, NJ

Project Name: Vegetated Roofing Systems

Project Purpose: The purpose of this project is to install vegetated roofing systems on the in progress construction of our surgical pavilion. This type of roofing system will provide improved storm water management and air quality. These considerations are especially important due to our hospital's location next to the Great Egg Harbor Bay.

Amount Requested: \$500,000

Intended Recipient and Location: Sparta Township, Sparta, NJ

Project Name: Sparta Renewable Energy Infrastructure

Project Purpose: Funding will be used to install solar, bio-mass and wind power generating technologies in order to reduce reliance on electric power suppliers

Amount Requested: \$ 1,000,000

Intended Recipient and Location: St. Peter's College

Project Name: Urban Sustainability Demonstration Project

Project Purpose: The renovation will showcase renovation of aged urban structures into green facilities that meet LEED Existing Construction standards, incorporate Energy Star certified solutions, maximize energy efficiency, minimize environmental impact, require low maintenance, offer a high degree of occupant comfort and provide handicap accessibility (a problem in many old buildings in urban areas). The project will commence with a total building audit that meets Department of Energy Standards. The Urban Sustainability Demonstration Project is to serve as model for sustainable renovation educational resources for the New York/New Jersey metropolitan area.

Amount Requested: \$ 1,677,000

Intended Recipient and Location: The County of Passaic, Paterson, NJ

Project Name: Passaic County Renewable Energy Initiative

Project Purpose: The requested funds are to allow Passaic County to create an energy program that will allow Local Government Units to implement alternative energy solutions. This modest request has the potential of becoming a "green" economic engine for Passaic County. This program has the potential of positively impacting the entire population of Passaic County. By taking advantage of this program, governmental entities will see reduced energy costs which will direct beneficial impact on taxpayers, and will create a more environmentally sensitive community in which to live, work and raise a family.

Amount Requested: \$250,000

Intended Recipient and Location: The Newark Museum, Newark, NJ

Project Name: Alternative Energy Enhancement Program

Project Purpose: The requested funds are for alternative energy enhancements at the Newark Museum. On the garage roof they will install solar panels that will provide renewable energy for the garage and modeling best practices for renewable, low-cost, environmentally sound energy.

Amount Requested: \$ 1,500,000

Intended Recipient and Location: Township of Brick, Brick, NJ

Project Name: Renewable Energy Solar Farm

Project Purpose: This project is for the redevelopment of a municipal landfill as Renewable Energy Solar Farm. Funding will be used to purchase solar panels and redevelop the site as a solar farm. This project will benefit the approximately 80,000 residents of the Township of Brick through the redevelopment of a former landfill site as a revenue generating solar farm.

Amount Requested: \$ 650,000

Intended Recipient and Location: Township of Livingston, Livingston, NJ

Project Name: Installation of Solar Panels on Municipal Buildings Town Hall/Police

Project Purpose: This project is for the installation of roof mounted solar panels and a required electrical system, at the Township of Livingston Town Hall/Police Department Building. This project will involve the installation of a total of 532 solar panel modules on three separate roof sections of the building.

Amount Requested: \$ 865,346

Intended Recipient and Location: Township of Livingston, Livingston, NJ

Project Name: Livingston WPCF (Water Pollution Control Facility) Co-generation

Project Purpose: This project will provide for the conversion of methane gas to electrical power. The conversion of methane gas to electrical power will reduce power demand from the wastewater treatment plant, utilize a no cost source of fuel, reduce greenhouse gas emissions, and any excess electrical power.

Amount Requested: \$ 900,000

Intended Recipient and Location: Township of Manchester, Manchester, NJ

Project Name: Water Tower Mounted Wind Turbine

Project Purpose: These funds are being requested to purchase and install a wind turbine on Manchester's existing water tower. This project is a valuable use of taxpayers' funds because it will provide a sustainable source of energy for years to come. It will reduce greenhouse gases, tax payer's money, and assist in maintaining their Sustainable Jersey Certification status.

Amount Requested: \$350,000

Intended Recipient and Location: Township of Middletown, Middletown, NJ

Project Name: Middletown Township Solar Canopy-Middletown Train

Project Purpose: The requested funds will be used to develop a solar canopy system for the Middletown Train Station that would help to offset the cost of the lighting needed to illuminate the lot.

Amount Requested: \$ 835,000

Intended Recipient and Location: Township of North Bergen, North Bergen, NJ

Project Name: North Bergen Energy Efficient Renovations

Project Purpose: The requested funds are for energy efficient renovations to newly acquired property that will house the North Bergen Courts. The energy efficient improvements will create a focus on the value and critical nature of energy efficiency in North Bergen and will be totally supportive of New Jersey's Energy Master Plan goals.

Amount Requested: \$ 850,000

Intended Recipient and Location: Township of South Orange Village, South Orange, NJ

Project Name: DPW Solar Roof Replacement

Project Purpose: The requested funds will be used to replace the roof on the town's Department of Public Works (DPW) facility and install solar panels. The roof has deteriorated and leaks severely, causing hazardous conditions and destruction to valuable equipment and to the facility itself. Solar panels on the roof will save in energy costs, which will in turn save taxpayer money.

Amount Requested: \$ 220,000

Intended Recipient and Location: Township of South Orange Village, South Orange, NJ

Project Name: Village Hall Geothermal

Project Purpose: The requested funds are to install a geothermal heating and cooling system in South Orange's historic Village Hall. South Orange's goal is to become one of the premier "green" towns in northern New Jersey. This project, besides saving taxpayers money in energy costs, will also reduce greenhouse gas emissions, thereby benefitting everyone who lives in the area.

Amount Requested: \$ 410,000

Intended Recipient and Location: Township of Verona, Verona, NJ

Project Name: Township of Verona/Verona Board of Education Solar

Project Purpose: This project is to install a 100Kw Solar Energy System utilized by the Township of Verona and the Verona Board of Education. The solar energy produced from this project will offset the cost of the purchase of a portion of the energy from the local utility company and will be used as a model for educating the students on the importance of alternate energy sources. This project will also promote a cleaner environment.

Amount Requested: \$ 935,000

Intended Recipient and Location: YMCA Camp Ockanickon, Medford, NJ

Project Name: YMCA Camp Ockanickon Green Retrofit Program

Project Purpose: The purpose of this project is for "green" retrofitting. Using the LEED process, we will enhance our environmental practices, experience reductions in energy and water usage, reduce liability, improve risk management and provide enhanced productivity. Use of the camp's facilities year round reinforces the need to become an energy sustainable facility. This would include projects to: retro fit windows, HVAC systems, hot water heaters and where appropriate, expand renewable energy sources.

Amount Requested: \$ 500,000