

**Grantee: New Jersey**

**Grant: B-13-DS-34-0002**

**October 1, 2017 thru December 31, 2017 Performance**

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**Grant Number:**

B-13-DS-34-0002

**Obligation Date:****Award Date:****Grantee Name:**

New Jersey

**Contract End Date:****Review by HUD:**

Reviewed and Approved

**Grant Award Amount:**

\$15,000,000.00

**Grant Status:**

Active

**QPR Contact:**

No QPR Contact Found

**LOCCS Authorized Amount:**

\$15,000,000.00

**Estimated PI/RL Funds:**

\$1.00

**Total Budget:**

\$15,000,001.00

## Disasters:

### Declaration Number

No Disasters Found

## Narratives

### Executive Summary:

The State of New Jersey received \$15,000,000 in NDRC funding to support the creation of regional resiliency planning programs that will help regions and communities that experience significant flooding to undergo a comprehensive planning process to identify and address vulnerabilities due to increased flooding risk. The funding will be divided between two programs:

The Regional Resiliency Planning Grant (RRPG) project will help communities prevent and address flooding events. The ultimate product of the planning process is a regional plan that identifies actions that constitute a comprehensive resiliency scenario, and implementation of appropriate policy, planning, and design activities. An additional goal of these regional adaptation action plans includes preparing communities for future funding rounds for capital projects. The RRPG program seeks to fund up to six planning projects within multi-municipal regions within the nine Sandy-impacted counties in New Jersey: Bergen, Hudson, Essex, Union, Middlesex, Monmouth, Ocean, Atlantic, and Cape May. Planning grants will fund multi-municipal regions to undergo a comprehensive process to identify and address vulnerabilities to increased flood risk, protection of environmental resources, and promotion of sustainable/smart growth development.

Additionally, a Toolkit will be created to incorporate the best practices and technical assistance learned from the development and implementation of the Meadowlands Resilience Revitalization Project. The Toolkit will share challenges and/or accomplishments on varied subjects and serve as a learning tool for both federal agencies and future grantees. Once established, the Toolkit will consist of several modules that will offer suggestions for how selected elements of the Meadowlands project can be adopted or scaled to local needs.

### MID-URN Areas:

Considerable Sandy Recovery resources have been invested to improve planning for future severe weather events in communities across New Jersey. The most common beneficiaries of CDBG-DR grants have been oceanfront and bayfront communities where Sandy damage was generally more concentrated and severe.

Consequently, there is a remaining need for planning resources for inland communities dealing with riverine flooding. The planning grant program will seek to provide technical assistance and flood mapping to assist communities in adapting Resilience Adaptation Action Plans that include mitigating against future events. The planning grant program will follow the structure provided by the Disaster Relief Appropriations Act for Coastal Resilience Networks funded by the National Oceanic and Atmospheric Administration (NOAA). Currently, this resource is only available to coastal communities, leaving an unmet need in over 115 communities located in the nine most impacted and distressed counties that experience inland flooding. The two programs will seek to fund projects within multi-municipal regions within nine Sandy-impacted counties in New Jersey: Bergen, Hudson, Essex, Union, Middlesex, Monmouth, Ocean, Atlantic, and Cape May. Each multi-municipal region will be required to include a minimum of three municipalities with shared boundaries. Every effort will be made to ensure that the selected planning regions reflect the diversity of geographic and social conditions that exist in the Sandy-impacted counties. For example, flood vulnerable landscapes include:

- Urbanized Northeast which includes tidal rivers, bays and marshland in Bergen, Hudson, Essex, Union, Middlesex, Monmouth (north shore) counties;
- Mainland Atlantic Coast which includes open coast waterfronts and barrier islands in Atlantic, Cape May, Monmouth, and Ocean counties;
- Inland Suburban/Rural areas that include riverine corridors in Middlesex (western), Monmouth (inland), Ocean (northern) counties;
- Coastal Bayfront areas including the back bay areas of Atlantic, Cape May and Ocean counties, and the Delaware Bayshore which includes parts of Cape May County.



**Key Agencies, Partners, Positions, Personnel:**

DEP has a long history of successful collaboration with federal agencies (USACE; EPA and many others) and local governments on flood control projects. For example, DEP partners with localities on the design and funding of federal and state flood control projects. Their engineering staff members work with local government planners and leaders to formalize local funding commitments and maintenance responsibilities. Additionally, DEP staff has working relationships for the development of Statewide flood management strategies and projects with Stevens Institute of Technology, Stockton University’s Coastal Research Center, Rutgers University School of Engineering, Montclair State University’s Passaic River Institute, and NJ Institute of Technology’s Flood Mitigation Center .

Toolkit: The team from the Bureau of Flood Resilience at DEP is responsible for the development and implementation of the Toolkit and includes Dennis Reinknecht, Manager and Alexis Taylor as Outreach Team Lead Leader. In addition to the leading the development of the NDR Toolkit, Dennis and Alexis are part of the Rebuild by Design team tasked with managing the Hudson River and Meadowlands Flood Projects \$380 million of CDBG-DR funding. They will be supported by several qualified staff.

Resiliency Planning Grant Program: This team from the Office of Coastal and Land Use Planning at DEP (OCLUP) administers the planning and enhancement of the Coastal Management Plan (CMP). OCLUP staff develops and implements long range planning projects, and coordinates with complementary programs and initiatives in the coastal area. This team will be under the direction of Elizabeth Semple, Manager. Ms. Semple led the development of the State’s Storm water Management Rules and all aspects of the OCLUP for the past 8 years. In addition to other qualified personnel, the team will include Nicholas Angarone, Research Scientist – NJ licensed and nationally certified Professional Planner. Nick has led a team to develop and implement sustainability and resiliency programs for past 8 years and manages several federal planning grants.

Overall	This Report Period	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$15,000,000.00
<b>Total Budget</b>	\$0.00	\$15,000,000.00
<b>Total Obligated</b>	\$0.00	\$15,000,000.00
<b>Total Funds Drawdown</b>	\$485,084.28	\$530,284.45
<b>Program Funds Drawdown</b>	\$485,084.28	\$530,284.45
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$485,196.28	\$530,396.45
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Progress Toward Required Numeric Targets**

Requirement	Target	Actual
<b>Overall Benefit Percentage (Projected)</b>		0.00%
<b>Overall Benefit Percentage (Actual)</b>		0.00%
<b>Minimum Non-Federal Match</b>	\$0.00	\$0.00
<b>Limit on Public Services</b>	\$0.00	\$0.00
<b>Limit on Admin/Planning</b>	\$14,998,500.00	\$530,284.45
<b>Limit on State Admin</b>	\$0.00	\$428,903.91
<b>Most Impacted and Distressed Threshold (Projected)</b>	\$0.00	\$0.00

**Overall Progress Narrative:**

New Jersey’s National Disaster Resilience (NDR) project is focused on helping communities assess their repetitive flooding risks and then develop solutions such as building codes and plans that can be implemented to counter those risks. The State will accomplish this through two initiatives: the Regional Resiliency Planning Grant Program (RRPG) and the Resiliency Toolkit. In the last quarter of 2017, the State directed its efforts towards building capacity in order to implement each initiative.



As of December 31, 2017, the RRPB Program selected a Construction Management Firm (CMF) to provide additional oversight for the technical aspects of the planning grants. The RRPB team also drafted a Notice of Funding Availability (NOFA) in order to award the grant funding for the regional consortia. The NOFA will be released early 2018.

As of the close of the fourth quarter 2017, the Rebuild By Design team, which is implementing the Resiliency Toolkit, selected a vendor tasked with developing the first two modules of the Resiliency Toolkit. The first module will share lessons learned in the operations and maintenance of resiliency efforts. The second module will address the workforce development and re-training needs required to sustain resiliency projects.

\*Please note - The CDBG-DR Awarded Contracts Report has been uploaded into the NDR-DEP-RRGP-ADMIN activity.

## Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
Long Term Commitment, Long Term Commitment	\$0.00	\$0.00	\$0.00
NJ RRGP, NJ RRGP	\$308,005.00	\$10,000,000.00	\$339,910.28
NJ Toolkit, NJ Toolkit	\$177,079.28	\$5,000,000.00	\$190,374.17
Outcome Values, Outcome Values	\$0.00	\$0.00	\$0.00



## Activities

**Project # / Title:** NJ RRGF / NJ RRGF

**Grantee Activity Number:** NDR-DEP-RRGF-ADMIN

**Activity Title:** NDR DEP RRGF ADMIN

**Activity Category:**

Administration

**Project Number:**

NJ RRGF

**Projected Start Date:**

01/24/2017

**Benefit Type:**

( )

**National Objective:**

NA

**Activity Status:**

Under Way

**Project Title:**

NJ RRGF

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

Overall	Oct 1 thru Dec 31, 2017	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$500,000.00
<b>Total Budget</b>	\$0.00	\$500,000.00
<b>Total Obligated</b>	\$0.00	\$500,000.00
<b>Total Funds Drawdown</b>	\$287,365.63	\$287,365.63
<b>Program Funds Drawdown</b>	\$287,365.63	\$287,365.63
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$287,365.63	\$287,365.63
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL	\$287,365.63	\$287,365.63
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Administrative costs associated to funding to regions to undergo a comprehensive planning process to identify and address vulnerabilities to increased flood risk, protection of environmental resources and promotion of sustainable/smart growth development.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

This quarter, DEP reimbursed the Sandy Recovery Program \$287,365.63 for pre-award costs incurred in the preparation of the NDR application.



## Accomplishments Performance Measures

No Accomplishments Performance Measures

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

## Activity Supporting Documents

Document NDR Awarded Contracts Report\_Q4\_2017.xlsx

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<b>Grantee Activity Number:</b>	<b>NDR-DEP-RRGP-PL</b>
<b>Activity Title:</b>	<b>NDR DEP RRGP PL</b>

**Activity Category:**

Planning

**Activity Status:**

Under Way

**Project Number:**

NJ RRGP

**Project Title:**

NJ RRGP

**Projected Start Date:**

01/24/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

NA

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2017</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$1,500,000.00
<b>Total Budget</b>	\$0.00	\$1,500,000.00
<b>Total Obligated</b>	\$0.00	\$1,500,000.00
<b>Total Funds Drawdown</b>	\$0.00	\$31,905.28
<b>Program Funds Drawdown</b>	\$0.00	\$31,905.28
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$31,905.28
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Funding to regions to undergo a comprehensive planning process to identify and address vulnerabilities to increased flood risk, protection of environmental resources and promotion of sustainable/smart growth development.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

There were no financial activities this quarter.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**



## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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**Grantee Activity Number:** NDR-DEP-RRPG

**Activity Title:** NDR DEP RRPG

**Activity Category:**

Planning

**Activity Status:**

Under Way

**Project Number:**

NJ RRGP

**Project Title:**

NJ RRGP

**Projected Start Date:**

01/24/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

NA

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2017</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$8,000,000.00
<b>Total Budget</b>	\$0.00	\$8,000,000.00
<b>Total Obligated</b>	\$0.00	\$8,000,000.00
<b>Total Funds Drawdown</b>	\$20,639.37	\$20,639.37
<b>Program Funds Drawdown</b>	\$20,639.37	\$20,639.37
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$20,639.37	\$20,639.37
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL	\$20,639.37	\$20,639.37
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Funding to regions to undergo a comprehensive planning process to identify and address vulnerabilities to increased flood risk, protection of environmental resources and promotion of sustainable/smart growth development.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

DEP expended \$20,639.37 for staff costs for project management.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**



## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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## Project # / Title: NJ Toolkit / NJ Toolkit

**Grantee Activity Number:** NDR-DEP-TK

**Activity Title:** NDR DEP TK

**Activity Category:**

Planning

**Project Number:**

NJ Toolkit

**Projected Start Date:**

01/24/2017

**Benefit Type:**

Area ( )

**National Objective:**

NA

**Activity Status:**

Under Way

**Project Title:**

NJ Toolkit

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

### Overall

**Total Projected Budget from All Sources**

**Oct 1 thru Dec 31, 2017**

**To Date**

N/A

\$4,000,000.00

**Total Budget**

\$0.00

\$4,000,000.00

**Total Obligated**

\$0.00

\$4,000,000.00

**Total Funds Drawdown**

\$35,541.00

\$35,541.00

**Program Funds Drawdown**

\$35,541.00

\$35,541.00

**Program Income Drawdown**

\$0.00

\$0.00

**Program Income Received**

\$0.00

\$0.00

**Total Funds Expended**

\$35,653.00

\$35,653.00

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

\$35,653.00

\$35,653.00



<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Lessons learned from the resiliency planning grant program will be synthesized into a toolkit to assist communities across the state and nation that face similar challenges, facilitating replicability of the State's NDR project and the multi-sector approach to assessing resilience investment. Over the term of the project, at least four modules in the toolkit will be developed and available for replication.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

A final scope of work and schedule for the first two modules was submitted by Louis Berger, as part of the Berger-Hill Joint Venture CMF contract and reviewed by DEP in September. The costs incurred this quarter reflect the work completed by Louis Berger and invoiced to date as part of the agreed upon scope of services. Louis Berger has been tasked with creating the first two modules and presenting final deliverables. The first two modules of the toolkit are Operations and Maintenance, and Workforce Development, the other modules of the toolkit have yet to be determined.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**

**Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

**Activity Locations**

**No Activity Locations found.**

**Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

<b>Other Funding Sources</b>	<b>Amount</b>
No Other Funding Sources Found	
Total Other Funding Sources	



**Grantee Activity Number:** NDR-DEP-TK-ADMIN

**Activity Title:** NDR DEP TK ADMIN

**Activity Category:**

Administration

**Activity Status:**

Under Way

**Project Number:**

NJ Toolkit

**Project Title:**

NJ Toolkit

**Projected Start Date:**

01/24/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

( )

**Completed Activity Actual End Date:**

**National Objective:**

NA

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2017</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$250,000.00
<b>Total Budget</b>	\$0.00	\$250,000.00
<b>Total Obligated</b>	\$0.00	\$250,000.00
<b>Total Funds Drawdown</b>	\$141,538.28	\$141,538.28
<b>Program Funds Drawdown</b>	\$141,538.28	\$141,538.28
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$141,538.28	\$141,538.28
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL	\$141,538.28	\$141,538.28
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Funding set aside to fund administrative activities related to Toolkit development. Lessons learned from the resiliency planning grant program will be synthesized into a toolkit to assist communities across the state and nation that face similar challenges, facilitating replicability of the State's NDR project and the multi-sector approach to assessing resilience investment. Over the term of the project, at least four modules in the toolkit will be developed and available for replication.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

This quarter, we reimbursed the Sandy Recovery Program \$141,538.28 for pre-award costs incurred during the preparation of the NDR application.



## Accomplishments Performance Measures

No Accomplishments Performance Measures

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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**Grantee Activity Number:** NDR-DEP-TK-PL

**Activity Title:** NDR DEP TK PL

**Activity Category:**

Planning

**Activity Status:**

Under Way

**Project Number:**

NJ Toolkit

**Project Title:**

NJ Toolkit

**Projected Start Date:**

01/24/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

NA

**Responsible Organization:**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL

<b>Overall</b>	<b>Oct 1 thru Dec 31, 2017</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$750,000.00
<b>Total Budget</b>	\$0.00	\$750,000.00
<b>Total Obligated</b>	\$0.00	\$750,000.00
<b>Total Funds Drawdown</b>	\$0.00	\$13,294.89
<b>Program Funds Drawdown</b>	\$0.00	\$13,294.89
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$13,294.89
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Lessons learned from the resiliency planning grant program will be synthesized into a toolkit to assist communities across the state and nation that face similar challenges, facilitating replicability of the State's NDR project and the multi-sector approach to assessing resilience investment. Over the term of the project, at least four modules in the toolkit will be developed and available for replication.

**Location Description:**

Atlantic County, Bergen County, Cape May County, Essex County, Hudson County, Ocean County, Monmouth County, Middlesex County, Union County.

**Activity Progress Narrative:**

This quarter, there were no costs incurred as part of the planning allocation portion of the NDR toolkit grant.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**



## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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