

Grantee: Rhode Island

Grant: B-13-DS-44-0001

April 1, 2019 thru June 30, 2019 Performance Report



Grant Number:

B-13-DS-44-0001

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

Rhode Island

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

Original - In Progress

Grant Award Amount:

\$19,911,000.00

Grant Status:

Active

QPR Contact:

No QPR Contact Found

LOCCS Authorized Amount:

\$19,911,000.00

Estimated PI/RL Funds:**Total Budget:**

\$19,911,000.00

Disasters:**Declaration Number**

FEMA-4089-RI

Narratives**Disaster Damage:**

HURRICANE SANDY IMPACTS Hurricane Sandy (FEMA-4089-DR) made landfall in New Jersey on Monday, October 29, 2012. Its enormous dimensions (tropical force winds spanned almost 900 miles) created widespread devastation and affected approximately 300,000 Rhode Island residents, or 28% of the State's population. Fortunately, there were no fatalities. Mandatory local evacuations were ordered in eight communities. Approximately 122,000 homes and businesses lost electricity as a result of the storm. An estimated 40,000 remained without power for two or more days. The highest concentration of damages resulting from Hurricane Sandy and its storm surge were located in the southern coastal communities of Newport and Washington Counties (Towns of Westerly, New Shoreham, Charlestown, South Kingstown, Narragansett, and the City of Newport) (See Figure 1). The majority of the damages in these areas occurred from storm surge and wind damage. The storm surge destroyed houses and businesses, damaged pilings and deck supports, blew out walls on lower levels, and moved significant amounts of sand and debris into homes, businesses, streets, and adjacent coastal ponds. Septic systems were damaged and underground septic tanks were exposed, creating potential hazardous material exposure. Wind damage left downed trees and branches on homes, businesses, utility lines, and roadways. The National Guard restricted entry to the community of Misquamicut (located in the Town of Westerly) due to the devastation. In addition to severe impacts to homes and businesses, public buildings, roads, bridges, and related infrastructure experienced extensive impacts. Applications for FEMA Public Assistance indicate over \$7.7 million in losses to public property. Large scale disruptions of normal community functions and services resulted. Hurricane Sandy's storm surge, damage, and debris closed local and State roads along the coast for varying lengths of time. Sections of Atlantic Avenue in Westerly, Corn Neck Road in New Shoreham, Surfside Avenue in Charlestown and Sachuest Point Road in Middletown were inaccessible by vehicle. The State's ports were temporarily closed and ferry service to New Shoreham was cancelled for several days. The U.S. Fish and Wildlife Refuge at Sachuest Point remained closed for over six months after Hurricane Sandy swept Rhode Island. Sections of Newport's famous Cliff Walk and Narragansett's seawall were damaged. In Washington County, Charlestown, Narragansett, New Shoreham, South Kingstown, and Westerly suffered extensive beach erosion. Beaches must be restored in order to ensure the viability of the tourism, hospitality, and fishery industries. Public facilities, beaches, and parks in both counties must be restored to attract the visitors that support these local industries. RESPONSE Municipalities, voluntary organizations, state agencies, and FEMA mobilized immediately. Municipal officials worked around the clock to coordinate and implement debris removal, emergency response, volunteer assistance, infrastructure repairs, damage assessments, information clearinghouses, and other response efforts. R.I. Emergency Management Agency (RIEMA) opened the Emergency Operations Center and activated volunteer structural damage assessment teams. RIEMA and FEMA established a Joint Field Office that remained open through February 2013. Disaster Recovery Centers were opened to provide assistance to survivors. The Department of Emergency Management (DEM) and the Coastal Resources Management Council (CRMC) expedited permitting, waived fees, and coordinated onsite septic system assessments with the Towns of Westerly and Charlestown. Rhode Island Volunteer Organizations Active in Disaster (RI VOAD) provided an assistance hotline through 2-1-1/United Way.

Recovery Needs:**HOUSING UNMET NEEDS**

Physical damages and indirect impacts both contribute to unmet housing needs. Estimated unmet housing needs exceeded federal assistance by over \$8 million. VOAD and the two community development corporations that operate the majority of CDBG Housing Rehabilitation Programs in Washington and Newport Counties have experienced limited demand for assistance.



Specific unmet housing needs identified to date include:

- Damages and debris removal at transitional housing and public housing authorities;
- Rehabilitation/mitigation of private homes occupied by LMI households;
- Flood risk identification;
- Financial counseling; and
- New construction of affordable housing outside of flood hazard areas.

Hurricane Sandy caused roof damage at non-profit, scattered site housing and Public Housing Authority properties across both counties that was not fully covered by insurance. At Newport Housing Authority, on-site utilities were damaged. In Narragansett, housing authority units and four town-owned single family residences were damaged. In South Kingstown, four transitional housing units were damaged.

RI VOAD has resolved or referred Sandy residential cases in Washington and Newport Counties. RI VOAD member organizations are encouraged to refer potentially eligible cases with unmet needs to the appropriate community development corporation (CDC) or municipality for submission to OHCD. To date, CDCs and municipalities have received several requests for repairs.

Occupants of housing in 100-year floodplains or Special Flood Hazard Areas (SFHA) and LMI areas are doubly disadvantaged. These two pre-existing conditions make these areas especially vulnerable to tropical systems and other storm events. The lack of financial resources combined with low-lying housing and infrastructure inhibits long-term recovery from Hurricane Sandy. These areas are further stressed by the impact of increasing flood insurance rates.

Owners of many older, non-conforming structures covered by the National Flood Insurance Program (NFIP) may face flood insurance increases of up to 18% per year, depending upon the flood zone where the structure resides as well as date and type of construction. These increased costs on residents and communities with high rates of housing cost burden could result in the displacement of LMI households and increased risk of homelessness. This would create an untenable situation for impacted households, and would destabilize long-term Hurricane Sandy recovery in these affected areas.

Using GIS data, RIEMA has estimated that there are over 800 residential buildings in the area impacted by Hurricane Sandy that meet the following criteria: 1) located in 100-year floodplains/Special Flood Hazard Areas (SFHA); and 2) located in predominately LMI census geographies. At an estimated \$600 per structure, the projected cost of flood risk identification for qualifying structures exceeds \$487,000.

p>p>,</p></div><div data-bbox="65 399 917 445" data-label="Text"><p>The number of residential structures in these areas demonstrates the need for services and activities that reduce flood risk and enable informed decision-making about mitigation. Flood-proofing measures are based on elevation certificates. Residents of LMI census areas do not have the resources to obtain elevation certificates. Without elevation certificates, LMI households face uncertain increases in the costs of flood insurance premiums (or rents) and unknown mitigation costs. Consequently, they are unable to make informed housing decisions.</p></div><div data-bbox="65 454 916 478" data-label="Text"><p>Construction of new affordable housing in the Sandy impacted area will provide an alternative to LMI households that choose to remain in the area, but relocate outside of special flood hazard areas.</p></div><div data-bbox="65 487 917 533" data-label="Text"><p>Hurricane Sandy demonstrated the shortage of homeless shelter beds in Washington County, specifically the Westerly area. Despite the cancellation of public bus service, the WARM Shelter in Westerly was at 105% capacity. The Westerly area had insufficient homeless shelter beds for individual adults to meet the need during Hurricane Sandy. Just over three months later, during Winter Storm Nemo, WARM's individual and family shelters were at 100% capacity.</p></div><div data-bbox="65 542 911 577" data-label="Text"><p>The majority of the State's housing stock dates to 1970 or earlier. Residential buildings damaged by Sandy may also have code violations, lead, or asbestos that can be remediated with CDBG-DR funds. Funded residential rehabilitation projects will be assessed for other housing needs.</p></div><div data-bbox="65 586 324 599" data-label="Text"><p>Likely barriers to housing recovery include:</p></div><div data-bbox="76 598 581 665" data-label="List-Group">Imminent changes to FEMA maps, base flood elevations, and NFIP insurance rates;Uncertainty regarding future flooding risk;Need for quantitative evaluation of flood risk;Cost of elevating structures;Pre-existing violations of current building/fire codes; andPresence of lead and asbestos in older homes, and mold in flooded homes.</div><div data-bbox="65 674 916 721" data-label="Text"><p>OHCD will continue to outreach to communities and housing providers to ensure all eligible unmet needs in public housing, HUD-assisted housing, McKinney-Vento funded shelters, housing for the homeless, and other affordable housing units are supported with CDBG-DR funds. By allocating funds to LMI activities and activities meeting other National Objectives in roughly equal proportions, the State is encouraging timely identification of eligible housing activities that benefit low and moderate income households.</p></div><div data-bbox="65 729 797 743" data-label="Text"><p>Since vacation homes are not eligible for CDBG-DR funds, no assessment of vacation home unmet needs was conducted.</p></div><div data-bbox="65 751 435 764" data-label="Section-Header"><h4>PUBLIC FACILITIES & INFRASTRUCTURE UNMET NEEDS</h4></div><div data-bbox="65 763 923 820" data-label="Text"><p>Unmet public facilities and infrastructure needs identified to date include stormwater system repairs, public facilities repair and mitigation, road projects, restoration of coastal features, replacement of trees, and FEMA Public Assistance match. FEMA Public Assistance requires a 25% match, or an estimated \$3.16 million. Outreach to municipalities and state agencies is ongoing. The estimated cost of these needs is \$1.1 million. The estimated cost of these needs is \$1.1 million. The estimated cost of these needs is \$1.1 million.</p></div><div data-bbox="489 893 504 906" data-label="Page-Footer"><p>3</p></div><div data-bbox="65 914 98 938" data-label="Image"><img alt="Logo of the Community Development Systems, Disaster Recovery Grant Reporting System (DRGR). The logo features a stylized globe with a blue and green color scheme, surrounded by a circular border with text.</div><div data-bbox="652 912 943 936" data-label="Page-Footer"><p>Community Development Systems
Disaster Recovery Grant Reporting System (DRGR)</p></div>



WseladSotKnsowhvietfeadiinImjrPblcFciisadlfatutrpjocshaaeieilfor FEMA PA.

Likely barriers to the recovery of public facilities and infrastructure are:

- Limited resources to mitigate facilities/infrastructure during recovery;
- Uncertainty about future flood risks due to increased storm activity, climate change, and sea level rise;
- Limited municipal capital budgets after extended recession and repeat storm events; and
- Burden on municipal capacity for smaller and most impacted communities.

ECONOMIC DEVELOPMENT UNMET NEEDS

Given the preliminary damage assessment, SBA and State loans, and Greater Westerly Chamber Foundation grants are not sufficient to restore small businesses damaged by Hurricane Sandy. OHCD is reviewing three economic recovery proposals received to date and anticipates funding economic recovery projects in amendments to this Action Plan.

Actual unmet physical damage needs are undetermined, due to lack of data. Likely barriers to small business recovery include:

- Limited insurance benefits, due in part to locations in special flood hazard areas;
- Septic system reconstruction requirements (costs and siting);
- Shortage of a workforce trained in the design, construction, and maintenance of green infrastructure;
- Dependence on seasonal cash flow; and
- Dependence on coastal beaches and other tourist attractions damaged by Hurricane Sandy.

As additional data becomes available, OHCD will work to identify additional unmet needs that if met, will retain or create jobs for LMI persons.

Beaches must be restored in order to ensure the viability of the tourism, hospitality, and fishery industries. Public facilities, beaches, and parks in both counties must be restored to attract the visitors that support these local industries.

FAIR HOUSING

The State of Rhode Island is cognizant of federal requirements to affirmatively further fair housing. In CDBG and CDBG-DR contract documents, OHCD requires sub-recipients to take action(s) to affirmatively further fair housing. In order to receive assistance from the state, all subsidized units must be available to the general public and must be marketed pursuant to an approved affirmative fair marketing plan. (This requirement does not apply to units exempt under federal law, such as owner-occupied units.) At a minimum, such a plan must include an analysis of those populations less likely to apply for housing in the area in which the development is located and a targeted marketing program to reach those populations. In addition to the affirmative fair marketing plan, the housing must be distributed in accordance with an approved resident selection plan that is fair, open and transparent.

Overthecourse of thelastfiveyears,RhodelslandhasengagedinanumberofproactiveactivitiestopromoteFair Housing: educationandoutreach,includingFairHousingstakeholdersmeetings; production ofa TechnicalAssistanceKit, availableatFairHousingRI.org;and establishmentofa Statepolicyon Affirmative MarketingofLow-and Moderate-IncomeHousingavailableatwww.rhodeislandhousing.org/filelibrary/FHpolicy_jointstatement_062509.pdf.

OHCD will provide information on actions taken to affirmatively further fair housing in future quarterly reports.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$19,911,000.00
Total Budget	\$5,099.42	\$19,911,000.00
Total Obligated	\$48,212.09	\$19,916,099.42
Total Funds Drawdown	\$844,341.08	\$19,004,912.50
Program Funds Drawdown	\$844,341.08	\$19,004,912.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$844,341.08	\$19,004,912.50
Most Impacted and Distressed Expended	\$137,099.15	\$15,509,064.99
Match Contributed	\$0.00	\$1,598,869.06



Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		62.97%
Overall Benefit Percentage (Actual)		64.67%
Minimum Non-Federal Match	\$0.00	\$1,598,869.06
Limit on Public Services	\$2,986,650.00	\$0.00
Limit on Admin/Planning	\$3,982,200.00	\$3,502,657.08
Limit on Admin	\$995,550.00	\$923,554.56
Most Impacted and Distressed Threshold (Projected)	\$15,132,360.00	\$16,235,186.45

Overall Progress Narrative:

The State met the Round 6 expenditure deadline (April 2019). This quarter, a request to extend the Round 7 expenditure deadline (Sept. 2019) was submitted to the HUD FO and approved by HUD. Prior to that submittal, a minor Action Plan amendment was published, V13b. The published Action Plan, V13c, and the DRGR AP have been updated to include Round 7 Extended. The DRGR AP will be resubmitted as soon as AAQ ID 139839 (DRGR voucher problem) is resolved.

The State continues to provide technical assistance to grantees on an ongoing basis via telephone and email. Two activities were closed out this quarter.

Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
1, R1_Administration	\$0.00	\$40,000.00	\$40,000.00
1-AP-V11, R7_Administration	\$24,322.82	\$100,748.55	\$100,748.55
1-AP-V13 (Ext), R7_Administration (Ext)	\$0.00	\$71,995.44	\$0.00
1-AP-V3, R2_Administration	\$0.00	\$213,857.13	\$213,857.13
1-AP-V4, R3_Administration	\$0.00	\$259,343.09	\$259,343.09
1-AP-V4 (Ext), R3_Administration (Ext)	\$0.00	\$76,799.77	\$76,799.77
1-AP-V5, R4_Administration	\$0.00	\$184,698.37	\$184,698.37
1-AP-V7, R5_Administration	\$0.00	\$48,107.65	\$48,107.65
2, R1_Public Facilities and Infrastructure	\$0.00	\$559,071.22	\$559,071.22
2-AP-V11, R7_Public Facilities and Infrastructure	(\$42,611.52)	\$1,721,617.68	\$1,666,633.26
2-AP-V13 (Ext), R7_Public Facilities and Infrastructure (Ext)	\$554,797.06	\$970,527.88	\$554,797.06
2-AP-V3, R2_Public Facilities and Infrastructure	\$0.00	\$1,837,025.89	\$1,837,025.89
2-AP-V4, R3_Public Facilities and Infrastructure	\$0.00	\$2,571,773.89	\$2,571,773.89
2-AP-V4 (Ext), R3_Public Facilities and Infrastructure (Ext)	\$0.00	\$2,042,702.76	\$2,042,702.76
2-AP-V5, R4_Public Facilities and Infrastructure	\$0.00	\$778,609.98	\$778,609.98
3, R1_Housing	\$0.00	\$2,303.23	\$2,303.23



3-AP-V11, R7_Housing	\$12,973.26	\$708,066.09	\$708,066.09
3-AP-V13 (Ext), R7_Housing (Ext)	\$0.00	\$26,255.00	\$0.00
3-AP-V3, R2_Housing	\$0.00	\$203,712.79	\$203,712.79
3-AP-V4, R3_Housing	\$0.00	\$1,142,087.17	\$1,142,087.17
3-AP-V4 (Ext), R3_Housing (Ext)	\$0.00	\$1,084,853.47	\$1,084,853.47
3-AP-V5, R4_Housing	\$0.00	\$2,326,381.06	\$2,326,381.06
4, Economic Recovery	\$0.00	\$0.00	\$0.00
5, R1_Public Services & Code Enforcement	\$0.00	\$24,237.55	\$24,237.55
5-AP-V4, R3_Public Services & Code Enforcement	\$0.00	\$0.00	\$0.00
6-AP-V11, R7_Planning	\$53,005.68	\$1,021,337.57	\$899,432.76
6-AP-V13 (Ext), R7_Planning (Ext)	\$241,853.78	\$462,170.21	\$241,853.78
6-AP-V3, R2_Planning	\$0.00	\$437,398.11	\$437,999.19
6-AP-V4, R3_Planning	\$0.00	\$77,368.85	\$77,368.85
6-AP-V5, R4_Planning	\$0.00	\$448,255.59	\$448,255.59
6-AP-V7, R5_Planning	\$0.00	\$299,192.35	\$299,192.35
6-AP-V9, R6_Planning	\$0.00	\$175,000.00	\$175,000.00
9999, Restricted Balance	\$0.00	(\$16,671,000.00)	\$0.00



Activities

Project # / Title: 1-AP-V11 / R7_Administration

Grantee Activity Number: RI-06

Activity Title: R7_Administration

Activity Category:

Administration

Project Number:

1-AP-V11

Projected Start Date:

09/30/2017

Benefit Type:

N/A

National Objective:

N/A

Activity Status:

Completed

Project Title:

R7_Administration

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island2

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2019

N/A

To Date

\$100,748.55

Total Budget

(\$71,995.44)

\$100,748.55

Total Obligated

(\$71,995.44)

\$100,748.55

Total Funds Drawdown

\$24,322.82

\$100,748.55

Program Funds Drawdown

\$24,322.82

\$100,748.55

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$24,322.82

\$100,748.55

State of Rhode Island2

\$24,322.82

\$100,748.55

Most Impacted and Distressed Expended

\$0.00

\$31,802.51

Match Contributed

\$0.00

\$0.00

Activity Description:

State administration activities shall include record-keeping, monitoring, technical assistance provision to sub-grantees, financial management, and other program management activities.

V12: Activity RI-05 split into RI-05 and RI-06 to restore funding round values. Total state admin amount unchanged.

V13c: Activity RI-06 split into RI-06 and RI-08 to match approved R7 extension. Total state admin amount unchanged.

Location Description:

State program administration to be conducted at the State Offices, located in Providence, RI. Actual grant activities to be conducted statewide.



Activity Progress Narrative:

The State met the Round 6 expenditure deadline (April 2019). This quarter, a request to extend the Round 7 expenditure deadline (Sept. 2019) was submitted to the HUD FO and approved by HUD. Prior to that submittal, a minor Action Plan amendment was published, V13b. The published Action Plan, V13c, and the DRGR AP have been updated to include Round 7 Extended. The DRGR AP will be resubmitted as soon as AAQ ID 139839 (DRGR voucher problem) is resolved. The State continues to provide technical assistance to grantees on an ongoing basis via telephone and email. Two activities were closed out 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

Project # / Title: 1-AP-V13 (Ext) / R7_Administration (Ext)

Grantee Activity Number: RI-08

Activity Title: R7E_Administration

Activity Category:

Administration

Project Number:

1-AP-V13 (Ext)

Projected Start Date:

04/01/2019

Benefit Type:

N/A

National Objective:

N/A

Activity Status:

Under Way

Project Title:

R7_Administration (Ext)

Projected End Date:

12/31/2020

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island2



Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$71,995.44
Total Budget	\$71,995.44	\$71,995.44
Total Obligated	\$71,995.44	\$71,995.44
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
State of Rhode Island2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

State grant administration, including closeout.

Location Description:

State offices in Providence, supporting activities statewide.

Activity Progress Narrative:

The State met the Round 6 expenditure deadline (April 2019). This quarter, a request to extend the Round 7 expenditure deadline (Sept. 2019) was submitted to the HUD FO and approved by HUD. Prior to that submittal, a minor Action Plan amendment was published, V13b. The published Action Plan, V13c, and the DRGR AP have been updated to include Round 7 Extended. The DRGR AP will be resubmitted as soon as AAQ ID 139839 (DRGR voucher problem) is resolved. The State continues to provide technical assistance to grantees on an ongoing basis via telephone and email. Two activities were closed out 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

Project # / Title: 2-AP-V11 / R7_Public Facilities and Infrastructure**Grantee Activity Number: BL-01****Activity Title: R7_Bristol Tanyard Brook Culvert****Activity Category:**

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

2-AP-V11

Project Title:

R7_Public Facilities and Infrastructure

Projected Start Date:

06/01/2018

Projected End Date:

09/30/2019

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:**National Objective:**

Low/Mod

Responsible Organization:

Town of Bristol

Overall**Total Projected Budget from All Sources****Apr 1 thru Jun 30, 2019**

N/A

To Date

\$969,783.03

Total Budget

(\$503,367.88)

\$969,783.03

Total Obligated

(\$503,367.88)

\$969,783.03

Total Funds Drawdown

(\$42,817.80)

\$919,898.03

Program Funds Drawdown

(\$42,817.80)

\$919,898.03

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

(\$42,817.80)

\$919,898.03

Town of Bristol

(\$42,817.80)

\$919,898.03

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Tanyard Brook floods an area of low-moderate income homes, damaging property and closing roads during high-intensity rain events, including Hurricanes Sandy and Irene. As evidence of this flooding occurrence, during Hurricanes Sandy and Irene, the Town distributed sand bags to properties within this neighborhood as depicted on the map and sand bag logs in the application. Specifically, the sand bags were distributed to properties that are directly impacted by the brook. This project is designed to remedy flooding that occurs in the Tanyard Brook neighborhood.

Phase 2A (the current proposed project) consists of replacing the existing culvert with a 3 ft x 8 ft box culvert from Richmond Street to Garfield Avenue. The culvert will provide long-term relief from flooding for most storms (up to and including the 10-year event), provide structural integrity, and will require minimal maintenance by the Town.



The Tanyard Brook Culvert Replacement Project was divided into Phases and includes the replacement of the entire existing piped and stone-lined channel with a new concrete box culvert from the Reservoir to the outfall at Walker's Cove in the southern end of Bristol Harbor. Phase 1 work spanned from Garfield Avenue to the outfall in Bristol Harbor and was completed in 2014. Phase 2 work will span from the Tanyard Reservoir and culminate where Phase 1 work left off at Garfield Avenue. This grant supports Phase 2A from Garfield Avenue to Richmond Street. V13c: Activity BL-01 split into two phases, BL-01 and BL-02, to match approved R7 extension. Total activity amount increased by \$49,885 to close a funding gap. The scope and beneficiaries remain the same.

Location Description:

Between Garfield Avenue and Richmond Street in the Town of Bristol, Bristol County (Statewide)

Activity Progress Narrative:

Construction is nearing completion. Activity BL-01 split into two phases, BL-01 and BL-02, to match approved R7 extension. Total activity amount increased by \$49,885 to close a funding gap. The scope and beneficiaries remain the same. Draws/expenditures adjusted to match extended round.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1500

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	1895	1040	5620	52.22

LMI%:	
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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	



Grantee Activity Number: NK-03

Activity Title: R7_Intrepid Drive Sewers

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

2-AP-V11

Projected Start Date:

01/01/2018

Benefit Type:

Area Benefit (Survey)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

R7_Public Facilities and Infrastructure

Projected End Date:

09/01/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of North Kingstown

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$191,829.59
Total Budget	\$0.00	\$191,829.59
Total Obligated	\$0.00	\$196,929.01
Total Funds Drawdown	\$206.28	\$191,829.59
Program Funds Drawdown	\$206.28	\$191,829.59
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$206.28	\$191,829.59
Town of North Kingstown	\$206.28	\$191,829.59
Most Impacted and Distressed Expended	\$206.28	\$191,829.59
Match Contributed	\$0.00	\$0.00

Ancillary Activities

Responsible Organization	Activity Type	Project #	Grantee Activity #	Activity Title	Program Income Account
Town of North Kingstown	Construction/reconstruction of water/sewer lines or systems	2-AP-V4 (Ext)	NK-01-E	R3E_Intrepid Drive Sewers	General Account

Activity Description:

During Hurricane Irene, power outages, precipitation, and storm surge all negatively impacted septic systems in the coastal village of Wickford in North Kingstown. The septic system that serves two subsidized housing developments on Intrepid Drive, Wickford Village Apartments (WVA, 129 units) and North Cove Landing (NCL, 38 units), was shut down, forcing dependence on septage haulers. The failure of this system presents a major threat to water quality in Wickford Harbor due to the volume of wastewater that it handles.

Wastewater treatment at WVA and NCL is a critical service that was interrupted during Hurricane Irene. Had overflows of untreated sewage occurred at this site, the water quality in Wickford Harbor would have been severely harmed. Wickford Harbor is now classified by the USEPA as an "Impaired Body of Water." The cause of impairment is categorized as "organic enrichment/oxygen depletion." There are no direct source contributions to the pollution, only non-point sources, largely on-site septic systems.

Construction of new 4,200 lf of sewer force main in the town right-of-way along Intrepid Drive, and a new pump station to handle sewage from 167 housing units in (319 residents, mostly LMI, two developments: Wickford Village Apts., North Cove Landing). Pump station components will be elevated above base flood elevation and/or flood-



proofed. Replaces existing septic for the two developments. Projected flow 34,730 gallons/day from housing units. CDBG-DR funds are proposed for 60% of force main and pump station costs, prorated to the projected flow from the housing units as a percentage of overall projected flow.

June 2016: Budget adjusted from \$1,465,000 to \$1,372,867.33 to comply with grant agreement. (Balance transferred to activity # DEM-02 within DRGR Project 2-AP-V4.)

V7: Activity budget restored to \$1,465,000. Offset no longer needed to meet obligation deadline.

March 2017: Activity included in approved R3 extension. Since no funds drawn to date, "E" designation added to activity title and number.

V11b: Sewer tie-ins will be needed at each building, instead of a single tie-in at the septic sand filter, as originally anticipated. The cost of the tie-in construction phase is now estimated at \$766,300, for a total DR cost of \$1,826,618 for both phases. The NK-02 budget phase is now increased from \$35,000 to \$361,618. It will be increased to the total phase amount in a future quarter, when an offsetting reduction in NK-01-E can be made.

V12: Activity budgets for NK-01-E and NK-02 modified (see above). NK-02 moved to Round 7 Project to restore funding round values.

August 2018: Adjustments to activities WY-10, WY-10-E, NK-01-E and creation of NK-03 (phase of NK-01-E) to meet expenditure deadlines. Total budgets for Westerly Culverts and NK Intrepid Sewers remain the same.

V13c: Budget adjusted from \$196,929 to \$191,829 to prorate ADCs between phases of this project accurately.

Location Description:

Washington County. Intrepid Drive, North Kingstown.

Activity Progress Narrative:

The labor standards issue was resolved in April. Closeout is underway, pending resolution of DRGR issue with voucher revision (see AAQ ID 139839).

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1
# of Linear feet of Public	0	0/4200

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Survey Method			
	Low	Mod	Total	Low/Mod
# of Persons	167	0	167	100.00

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

Project # / Title: 2-AP-V13 (Ext) / R7_Public Facilities and Infrastructure (Ext)**Grantee Activity Number: BL-02****Activity Title: R7E_Bristol Tanyard Brook 2a****Activity Category:**

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

2-AP-V13 (Ext)

Project Title:

R7_Public Facilities and Infrastructure (Ext)

Projected Start Date:

06/01/2018

Projected End Date:

03/31/2020

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:**National Objective:**

Low/Mod

Responsible Organization:

Town of Bristol

Overall**Apr 1 thru Jun 30, 2019****To Date****Total Projected Budget from All Sources**

N/A

\$553,252.88

Total Budget

\$553,252.88

\$553,252.88

Total Obligated

\$553,252.88

\$553,252.88

Total Funds Drawdown

\$553,252.88

\$553,252.88

Program Funds Drawdown

\$553,252.88

\$553,252.88

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$553,252.88

\$553,252.88

Town of Bristol

\$553,252.88

\$553,252.88

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Ancillary Activities

Responsible Organization	Activity Type	Project #	Grantee Activity #	Activity Title	Program Income Account
Town of Bristol	Rehabilitation/reconstruction of a public improvement	2-AP-V11	BL-01	R7_Bristol Tanyard Brook Culvert	General Account



Association Description:

Two phases of same activity.

Activity Description:

Tanyard Brook floods an area of low-moderate income homes, damaging property and closing roads during high-intensity rain events, including Hurricanes Sandy and Irene. As evidence of this flooding occurrence, during Hurricanes Sandy and Irene, the Town distributed sand bags to properties within this neighborhood as depicted on the map and sand bag logs in the application. Specifically, the sand bags were distributed to properties that are directly impacted by the brook. This project is designed to remedy flooding that occurs in the Tanyard Brook neighborhood.

Phase 2A (the current proposed project) consists of replacing the existing culvert with a 3 ft x 8 ft box culvert from Richmond Street to Garfield Avenue. The culvert will provide long-term relief from flooding for most storms (up to and including the 10-year event), provide structural integrity, and will require minimal maintenance by the Town.

The Tanyard Brook Culvert Replacement Project was divided into Phases and includes the replacement of the entire existing piped and stone-lined channel with a new concrete box culvert from the Reservoir to the outfall at Walker's Cove in the southern end of Bristol Harbor. Phase 1 work spanned from Garfield Avenue to the outfall in Bristol Harbor and was completed in 2014. Phase 2 work will span from the Tanyard Reservoir and culminate where Phase 1 work left off at Garfield Avenue.

This grant supports Phase 2A from Garfield Avenue to Richmond Street.

V13c: Activity BL-01 split into two phases, BL-01 and BL-02, to match approved R7 extension. Total activity amount increased by \$49,885 to close a funding gap. The scope and beneficiaries remain the same.

Location Description:

Between Garfield Avenue and Richmond Street in the Town of Bristol, Bristol County (Statewide)

Activity Progress Narrative:

Construction is nearing completion. Activity BL-01 split into two phases, BL-01 and BL-02, to match approved R7 extension. Total activity amount increased by \$49,885 to close a funding gap. The scope and beneficiaries remain the same. Draws/expenditures adjusted to match extended round.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1500

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	1895	1040	5620	52.22

LMI%:	
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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



Grantee Activity Number: WY-16

Activity Title: R7E_Westerly Misquamicut Drainage

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

2-AP-V13 (Ext)

Projected Start Date:

01/01/2019

Benefit Type:

Area Benefit (Census)

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

R7_Public Facilities and Infrastructure (Ext)

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of Westerly

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$417,275.00
Total Budget	(\$42,817.80)	\$417,275.00
Total Obligated	\$0.00	\$417,275.00
Total Funds Drawdown	\$1,544.18	\$1,544.18
Program Funds Drawdown	\$1,544.18	\$1,544.18
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,544.18	\$1,544.18
Town of Westerly	\$1,544.18	\$1,544.18
Most Impacted and Distressed Expended	\$1,544.18	\$1,544.18
Match Contributed	\$0.00	\$0.00

Activity Description:

The project involves replacement and/or repair of approximately 1,000 linear feet of reinforced concrete pipe (RCP) stormwater pipes in the Misquamicut section of Westerly.

During Hurricane Sandy, the Misquamicut district experienced flooding as a result of heavy rains and tidal surge associated with Hurricane Sandy. The tidal surge washed beach sand and other detritus into the storm drainage system where it settled in 9,964' of drainage pipe and its detention basin, resulting in the restriction of storm water flow and inefficient operation of the system. The Town received a FEMA grant to remove the sand and detritus from the system; however, pipe joint leaks have allowed groundwater to enter the system, taking up storage/transport capacity needed during storm events.

V13c: Budget reduced from \$460,093 to \$417,275 based on revised cost estimate provided by Town.

Location Description:

Washington County. Atlantic Avenue from Winnapaug Road to Kimball Avenue; Kimball Avenue from Atlantic to Fisherman's Avenue

Activity Progress Narrative:

This quarter, construction was completed on the Breach Drive portion of the work (storm drainage improvements and seawall reconstruction). The relining of pipelines along Atlantic Avenue is expected to complete on July 2.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1000

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	125	40	320	51.56

LMI%:

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	

Project # / Title: 2-AP-V4 (Ext) / R3_Public Facilities and Infrastructure (Ext)

Grantee Activity Number: NK-01-E

Activity Title: R3E_Intrepid Drive Sewers

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

2-AP-V4 (Ext)

Projected Start Date:

06/01/2015

Benefit Type:

Area Benefit (Survey)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

R3_Public Facilities and Infrastructure (Ext)

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of North Kingstown



Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$863,388.76
Total Budget	\$0.00	\$863,388.76
Total Obligated	\$0.00	\$863,388.76
Total Funds Drawdown	\$0.00	\$863,388.76
Program Funds Drawdown	\$0.00	\$863,388.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$863,388.76
Town of North Kingstown	\$0.00	\$863,388.76
Most Impacted and Distressed Expended	\$0.00	\$863,388.76
Match Contributed	\$0.00	\$0.00

Activity Description:

During Hurricane Irene, power outages, precipitation, and storm surge all negatively impacted septic systems in the coastal village of Wickford in North Kingstown. The septic system that serves two subsidized housing developments on Intrepid Drive, Wickford Village Apartments (WVA, 129 units) and North Cove Landing (NCL, 38 units), was shut down, forcing dependence on septic haulers. The failure of this system presents a major threat to water quality in Wickford Harbor due to the volume of wastewater that it handles.

Wastewater treatment at WVA and NCL is a critical service that was interrupted during Hurricane Irene. Had overflows of untreated sewage occurred at this site, the water quality in Wickford Harbor would have been severely harmed. Wickford Harbor is now classified by the USEPA as an "Impaired Body of Water." The cause of impairment is categorized as "organic enrichment/oxygen depletion." There are no direct source contributions to the pollution, only non-point sources, largely on-site septic systems.

Construction of new 4,200 lf of sewer force main in the town right-of-way along Intrepid Drive, and a new pump station to handle sewage from 167 housing units in (319 residents, mostly LMI, two developments: Wickford Village Apts., North Cove Landing). Pump station components will be elevated above base flood elevation and/or flood-proofed. Replaces existing septic for the two developments. Projected flow 34,730 gallons/day from housing units. CDBG-DR funds are proposed for 60% of force main and pump station costs, prorated to the projected flow from the housing units as a percentage of overall projected flow.

June 2016: Budget adjusted from \$1,465,000 to \$1,372,867.33 to comply with grant agreement. (Balance transferred to activity # DEM-02 within DRGR Project 2-AP-V4.)

V7: Activity budget restored to \$1,465,000. Offset no longer needed to meet obligation deadline.

March 2017: Activity included in approved R3 extension. Since no funds drawn to date, "E" designation added to activity title and number.

V11b: Sewer tie-ins will be needed at each building, instead of a single tie-in at the septic sand filter, as originally anticipated. The cost of the tie-in construction phase is now estimated at \$766,300, for a total DR cost of \$1,826,618 for both phases. The NK-02 budget phase is now increased from \$35,000 to \$361,618. It will be increased to the total phase amount in a future quarter, when an offsetting reduction in NK-01-E can be made.

V12: Activity budgets for NK-01-E and NK-02 modified (see above). NK-02 moved to Round 7 Project to restore funding round values.

August 2018: Adjustments to activities WY-10, WY-10-E, NK-01-E and creation of NK-03 (phase of NK-01-E) to meet expenditure deadlines. Total budgets for Westerly Culverts and NK Intrepid Sewers remain the same.

Location Description:

Washington County. Intrepid Drive, North Kingstown.

Activity Progress Narrative:

The labor standards issue was resolved in April. Closeout is underway, pending resolution of DRGR issue with voucher revision (see AAQ ID 139839).



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1
# of Linear feet of Public	0	0/4200

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Survey Method			
	Low	Mod	Total	Low/Mod
# of Persons	167	0	167	100.00

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	

Project # / Title: 3-AP-V11 / R7_Housing

Grantee Activity Number:	NK-02
Activity Title:	R7_Intrepid Sewer Housing Tie-In

Activity Category:
Rehabilitation/reconstruction of residential structures

Project Number:
3-AP-V11

Projected Start Date:
10/01/2017

Benefit Type:
Direct Benefit (Households)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
R7_Housing

Projected End Date:
09/30/2019

Completed Activity Actual End Date:

Responsible Organization:
Town of North Kingstown



Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$664,177.67
Total Budget	\$873.26	\$664,177.67
Total Obligated	\$873.26	\$664,177.67
Total Funds Drawdown	\$12,973.26	\$664,177.67
Program Funds Drawdown	\$12,973.26	\$664,177.67
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$12,973.26	\$664,177.67
Town of North Kingstown	\$12,973.26	\$664,177.67
Most Impacted and Distressed Expended	\$12,973.26	\$664,177.67
Match Contributed	\$0.00	\$0.00

Activity Description:

Construction of new 500 lf of tie-in sewer pipe for 167 housing units in (319 residents, mostly LMI, two developments: Wickford Village Apts., North Cove Landing). Replaces existing septic for the two developments. Projected flow 34,730 gallons/day from housing units. CDBG-DR funds proposed for 100% of tie-in costs for eligible subsidized housing units.

V11b: Sewer tie-ins will be needed at each building, instead of a single tie-in at the septic sand filter, as originally anticipated. The cost of the tie-in construction phase is now estimated at \$766,300, for a total DR cost of \$1,826,618 for both phases. This activity budget phase is now increased from \$35,000 to \$361,618. It will be increased to the total phase amount in a future quarter, when an offsetting reduction in NK-01-E can be made.

V12: Activity budgets for NK-01-E and NK-02 modified (see above). NK-02-E created in Extended Round and NK-02 moved to Round 7 Project to restore funding round values.

V13: Budget adjusted from \$653,304 to \$663,304 to support local grant administration costs, to ensure compliance with applicable regulations. The scope and beneficiaries remain the same.

V13c: Budget adjusted from \$663,304 to \$664,178 to prorate ADCs between phases of this project accurately.

Location Description:

Washington County. Intrepid Drive, Town of North Kingstown.

Activity Progress Narrative:

The labor standards issue was resolved in April. Closeout is underway, pending resolution of DRGR issue with voucher revision (see AAQ ID 139839).

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	0	0/2

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	0	0/167
# of Multifamily Units	0	0/167

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod



# of Households	0	0	0	0/0	0/167	0/167	0
# Renter Households	0	0	0	0/0	0/167	0/167	0

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

Project # / Title: 3-AP-V13 (Ext) / R7_Housing (Ext)

Grantee Activity Number: NPT-11

Activity Title: R7E_Newport Looking Upwards II

Activity Category:

Rehabilitation/reconstruction of residential structures

Activity Status:

Under Way

Project Number:

3-AP-V13 (Ext)

Project Title:

R7_Housing (Ext)

Projected Start Date:

01/01/2019

Projected End Date:

09/30/2019

Benefit Type:

Direct Benefit (Households)

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of Newport

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2019

To Date

N/A

\$13,000.00

Total Budget

\$0.00

\$13,000.00

Total Obligated

\$0.00

\$13,000.00

Total Funds Drawdown

\$0.00

\$0.00

Program Funds Drawdown

\$0.00

\$0.00

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

 City of Newport

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00



Match Contributed

\$0.00

\$0.00

Activity Description:

Installation of a fixed generator at Looking Upwards' residence at 20 Dexter Street in Newport. The small, permanent generator would be hooked up to an alternative fuel source and connected to the house's electrical system. When the electrical system fails for any reason, the generator would be automatically alerted to that failure and take over providing an alternative flow of electricity. Residents would continue to receive services and not necessarily have to be evacuated during a storm event due to loss of power. The goal is to enable the residents to remain safely in their home during future power outages and extreme weather events.

Looking Upwards is a Middletown-based nonprofit agency that offers a wide array of services for children and adults with disabilities. Services include a residential program, which provides housing and services for adults with disabilities such as cerebral palsy, Down's Syndrome and autism.

Records provided by National Grid indicate that Looking Upward's group home at 20 Dexter Street lost power during Hurricanes Irene and Sandy, and Winter Storm Nemo, resulting in multiple interruptions of critical services to the four residents living at this location. The critical services that were interrupted include medication administration, specialized diets and therapeutic interventions for residents. These individuals are very routine oriented in nature. The magnitude of disruption these events created very stressful and anxiety-filled experiences for the residents.

Location Description:

Newport County, 20 Dexter Street, Newport

Activity Progress Narrative:

The generator has been installed and the City submitted a draw in June.

Accomplishments Performance Measures

	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Properties	0		0/1	
	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Housing Units	0		0/1	
# of Singlefamily Units	0		0/1	

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Households	0	0	0	0/1	0/0	0/1	0
# Renter Households	0	0	0	0/1	0/0	0/1	0

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



Grantee Activity Number:	SK-05
Activity Title:	R7E_South Kingstown Looking Upwards

Activity Category:

Rehabilitation/reconstruction of residential structures

Project Number:

3-AP-V13 (Ext)

Projected Start Date:

01/01/2019

Benefit Type:

Direct Benefit (Households)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

R7_Housing (Ext)

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

Town of South Kingstown

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$13,255.00
Total Budget	\$0.00	\$13,255.00
Total Obligated	\$0.00	\$13,255.00
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
Town of South Kingstown	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Installation of a fixed generator at Looking Upwards' residence at 449 Waites Corner Road in South Kingstown. The small, permanent generator would be hooked up to an alternative fuel source and connected to the house's electrical system. When the electrical system fails for any reason, the generator would be automatically alerted to that failure and take over providing an alternative flow of electricity. Residents would continue to receive services and not necessarily have to be evacuated during a storm event due to loss of power. The goal is to enable the residents to remain safely in their home during future power outages and extreme weather events.

Looking Upwards is a Middletown-based nonprofit agency that offers a wide array of services for children and adults with disabilities. Services include a residential program, which provides housing and services for adults with disabilities such as cerebral palsy, Down's Syndrome and autism.

This residence provides permanent supportive housing with 24-hour staff support to four residents. National Grid records indicate that during Hurricane Sandy, Looking Upward's group home at 449 Waites Corner Road lost power, resulting in an interruption of critical services to the four residents living at this location. The critical services that were interrupted include vibrating fire alarms and all electronic visual supports for hearing impaired residents. Additionally, this home has a septic system and well, so during the disaster no running water was available.

Location Description:

Washington County. 449 Waites Corner Rd, West Kingston



Activity Progress Narrative:

This quarter, work was completed and draws submitted by the Town in June.

Accomplishments Performance Measures

	This Report Period Total	Cumulative Actual Total / Expected Total
# of Properties	0	0/1

	This Report Period Total	Cumulative Actual Total / Expected Total
# of Housing Units	0	0/1
# of Singlefamily Units	0	0/1

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Households	0	0	0	0/1	0/0	0/1	0
# Renter Households	0	0	0	0/1	0/0	0/1	0

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	

Project # / Title: 3-AP-V4 (Ext) / R3_Housing (Ext)

Grantee Activity Number: NK-02-E

Activity Title: R3E_Intrepid Sewer Housing Tie-In

Activity Category:

Rehabilitation/reconstruction of residential structures

Activity Status:

Under Way

Project Number:

3-AP-V4 (Ext)

Project Title:

R3_Housing (Ext)

Projected Start Date:

10/01/2017

Projected End Date:

09/30/2019

Benefit Type:

Direct Benefit (Households)

Completed Activity Actual End Date:



National Objective:

Low/Mod

Responsible Organization:

Town of North Kingstown

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$112,995.59
Total Budget	\$0.00	\$112,995.59
Total Obligated	\$0.00	\$112,995.59
Total Funds Drawdown	\$0.00	\$112,995.59
Program Funds Drawdown	\$0.00	\$112,995.59
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$112,995.59
Town of North Kingstown	\$0.00	\$112,995.59
Most Impacted and Distressed Expended	\$0.00	\$112,995.59
Match Contributed	\$0.00	\$0.00

Ancillary Activities

Responsible Organization	Activity Type	Project #	Grantee Activity #	Activity Title	Program Income Account
Town of North Kingstown	Rehabilitation/reconstruction of residential structures	3-AP-V11	NK-02	R7_Intrepid Sewer Housing Tie-In	General Account

Association Description:

Different phase of same activity.

Activity Description:

Construction of new 500 lf of tie-in sewer pipe for 167 housing units in (319 residents, mostly LMI, two developments: Wickford Village Apts., North Cove Landing). Replaces existing septic for the two developments. Projected flow 34,730 gallons/day from housing units. CDBG-DR funds proposed for 100% of tie-in costs for eligible subsidized housing units.

V11b: Sewer tie-ins will be needed at each building, instead of a single tie-in at the septic sand filter, as originally anticipated. The cost of the tie-in construction phase is now estimated at \$766,300, for a total DR cost of \$1,826,618 for both phases. This activity budget phase is now increased from \$35,000 to \$361,618. It will be increased to the total phase amount in a future quarter, when an offsetting reduction in NK-01-E can made.

V12: Activity budgets for NK-01-E and NK-02 modified (see above). NK-02-E created and added to Round 3 Extended. NK-02 moved to Round 7 Project to restore funding round values.

Location Description:

Washington County. Intrepid Drive, Town of North Kingstown.

Activity Progress Narrative:

The labor standards issue was resolved in April. Closeout is underway, pending resolution of DRGR issue with voucher revision (see AAQ ID 139839).



Accomplishments Performance Measures

	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Housing Units	0		0/167	
# of Multifamily Units	0		0/167	

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Households	0	0	0	0/0	0/167	0/167	0
# Renter Households	0	0	0	0/0	0/167	0/167	0

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	

Project # / Title: 6-AP-V11 / R7_Planning

Grantee Activity Number: CRMC-05
Activity Title: R7_BeachSAMP II

Activity Category:

Planning

Project Number:

6-AP-V11

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Completed

Project Title:

R7_Planning

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island, Coastal Resources Management

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2019

N/A

To Date

\$269,087.30



Total Budget	(\$7.70)	\$269,087.30
Total Obligated	(\$7.70)	\$269,087.30
Total Funds Drawdown	\$35,938.43	\$269,087.30
Program Funds Drawdown	\$35,938.43	\$269,087.30
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$35,938.43	\$269,087.30
State of Rhode Island, Coastal Resources Management	\$35,938.43	\$269,087.30
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The CRMC, in partnership with the University of Rhode Island Coastal Resources Center (CRC), will complete the Rhode Island Shoreline Change Special Area Management Plan (Beach SAMP), Rhode Island’s comprehensive plan to enhance the resiliency of Rhode Island coastal communities, including those in Bristol, Washington and Newport counties, and reduce the exposure and vulnerability to natural hazards. The Beach SAMP offers guidance and decision support tools – including the application of green infrastructure, legal, and design tools – to state and local decision makers to prepare and plan for, absorb, recover from, and successfully adapt to the impacts of coastal storms, erosion, and sea level rise. Once completed, the Beach SAMP will serve as Rhode Island’s comprehensive guidance document that recommends regulatory changes at the state level, advises municipalities on their risk profiles from coastal hazards, and provides a framework for assessing consistency of local decision making with initiatives being advanced at the state level.

Major Tasks:

1. Complete the remaining Beach SAMP chapters (drafting and editing) and associated public engagement process.
2. Provide stakeholder engagement opportunities tailored to state and municipal staff and other decision makers about Beach SAMP planning guidance and decision making tools to enhance the resiliency of RI communities.
3. Conduct assessment of key adaptation issues. Provide planning assistance to two municipalities on two selected adaption issues associated with impacts experienced during/after the eligible disasters. Complete final summary report recommending next steps for future action.

V11b: Scope expanded to include major task #3 above. Budget increased from \$189,995 to \$269,095 to match published AP V11b.

V13c: Budget adjusted from \$269,095 to \$269,087 based on actual costs billed to CDBG-DR.

Location Description:

21 coastal communities, all RI counties.

Activity Progress Narrative:

Closed effective 6/21/2019.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	1	1/2

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	0	0	709853	0.00



LMI%:

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



Grantee Activity Number:	CRMC-06
Activity Title:	R7_Design Elevation Maps

Activity Category:

Planning

Project Number:

6-AP-V11

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Under Way

Project Title:

R7_Planning

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

06/21/2019

Responsible Organization:

State of Rhode Island, Coastal Resources Management

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$258,188.66
Total Budget	(\$8,768.34)	\$258,188.66
Total Obligated	(\$8,473.47)	\$258,188.66
Total Funds Drawdown	\$85,195.00	\$258,170.57
Program Funds Drawdown	\$85,195.00	\$258,170.57
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$85,195.00	\$258,170.57
State of Rhode Island, Coastal Resources Management	\$85,195.00	\$258,170.57
Most Impacted and Distressed Expended	\$17,039.00	\$27,551.64
Match Contributed	\$0.00	\$0.00

Activity Description:

CRMC and URI are collaborating on a proposal to develop and provide easily accessible design elevation maps based on the STORMTOOLS platform. These maps will provide CRMC applicants, state agencies, municipalities and others with recommended design elevations to aid in the design and construction of public and private structures and infrastructure. These maps will be referred to as STORMTOOLS Design Elevation (SDE) maps and will include storm surge, wave heights (including shoreline condition), and sea level rise to account for future conditions. The FEMA Flood Insurance Rate Maps (FIRM) provide a base flood elevation (BFE), but they do not account for sea level rise. The FIRMs are the regulatory maps that the RI state building code (SBC) references and requires for construction in flood prone areas.

The primary objective of the SDE maps is to provide an alternative BFE that accounts for extreme weather events and sea level rise. The SDE maps provide users a recommended design elevation that will result in coastal hazard resilient construction. The SDE maps would allow the user to compare the elevation differences for their particular location between these new STORMTOOLS maps and the FIRM. With this information, the user can decide whether they want to voluntarily exceed the elevation determined by the FIRM and build to the SDE map recommendation or just build to the SBC required elevation.

Major Tasks:

1. Generate STORMTOOLS Design Elevation Maps for the state's coastal areas, adding wave heights models to existing storm surge, sea level rise, and erosion models. Make maps accessible via the STORMTOOLS web site and RI GIS.



2. Compare recommended Design Elevation Maps to regulatory FEMA FIRM maps.
 3. Provide outreach/information sessions targeted at coastal communities, regulators, and engineering community responsible for design of structures and infrastructure.
 4. Prepare a final report and papers for the refereed literature summarizing the results of the effort.
- March 2019: New phase of this activity (CRMC-08) funded with \$2,073 to meet Round 6 expenditure deadline. An equal amount was deobligated from CRMC-06. The budget of CRMC-06 will be adjusted accordingly, concurrent with the next Action Plan amendment.
- V13c: Activity budget adjusted to account for both the March 2019 revision, and the estimated total costs to be billed to CDBG-DR. Reduced from \$266,957 to \$258,484 (including both phases, CRMC-06 and CRMC-08).

Location Description:

21 coastal communities, all RI counties.

Activity Progress Narrative:

The final report has been submitted for this project and closeout is underway.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	0	0	709853	0.00

LMI%:

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	



Grantee Activity Number:	EOC-01
Activity Title:	R7_Economic Assets Vulnerability Assessment

Activity Category:

Planning

Project Number:

6-AP-V11

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Under Way

Project Title:

R7_Planning

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island2

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$325,529.72
Total Budget	\$5,935.00	\$325,529.72
Total Obligated	\$5,935.00	\$325,529.72
Total Funds Drawdown	\$85,487.00	\$203,643.00
Program Funds Drawdown	\$85,487.00	\$203,643.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$85,487.00	\$203,643.00
State of Rhode Island2	\$85,487.00	\$203,643.00
Most Impacted and Distressed Expended	\$17,097.40	\$38,459.60
Match Contributed	\$0.00	\$0.00

Activity Description:

Identify and assess the vulnerability of Rhode Island’s job producing economic assets to specific flooding scenarios. Assess and quantify economic impacts, including projected loss of jobs. Develop resilience strategies that businesses and municipalities can utilize to reduce the vulnerability of economic assets and minimize job losses.

V13: Budget adjusted from \$320,000 to \$319,595 based on contract amount with selected vendor.

V13c: Budget adjusted from \$319,595 to \$325,530 to cover printing and related project expenses.

Location Description:

Selected RI coastal areas

Activity Progress Narrative:

This quarter, eight Business Guides were completed. They are tailored to the following types of businesses: construction, hospitality, manufacturing, real estate, restaurant, retail, services, and water dependent. A presentation on the project was made at a public EC4 meeting in June.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	0	0	50000	0.00

LMI%:	
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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	



Grantee Activity Number:	RIDOT-01
Activity Title:	Resizing of Culvert Streamflow Guide

Activity Category:

Planning

Project Number:

6-AP-V11

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Cancelled

Project Title:

R7_Planning

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island2

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
State of Rhode Island2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Development of a guide directed at the re-sizing of culverts to improve statewide transportation resiliency and aid in the update of the capital improvement plan. This will help to facilitate development and evaluation of projects while incorporating risk of extreme weather events. The guide will aid in the assessment of the hydrologic capacity and adequacy of the culverts in the face of growing risks from flooding associated with storm-related threats. This project can lead to the implementation of design standards to replace culverts with larger, more resilient structures. This project would include bridge culverts located statewide. Prioritization will be given to culverts within urban areas. The guide will be formatted to supplement/integrate into the Rhode Island Stormwater Design and Installation Standards Manual.

V11b: This activity, with an expanded proposed scope, was determined to be more closely aligned with unmet needs resulting from the 2010 Floods disaster. The applicant submitted revised application materials and received a 2010 Floods DR award. The Sandy DR award was withdrawn as a condition of the 2010 Floods award. As a planning-only activity, there are no direct beneficiaries impacted. This change was misclassified as a non-substantial amendment in V11b. A substantial amendment including this change was submitted for HUD review in April 2018 (V12).

V12: In substantial amendment V12, this activity was cancelled (see above).

Location Description:

Statewide



Activity Progress Narrative:

This quarter the DRAFT Woonasquatucket River Watershed Pilot Study as part of the RIDOT Road-Stream Crossing Assessment Manual was provided to Stakeholders and State Agencies for review and comments. The project provides a technical manual containing methods for assessing flood risk vulnerability associated with culvert structures in Rhode Island. The Pilot Study implements the recommended methodology in the Manual through the assessment of selected road-stream crossings in the Woonasquatucket River watershed. It is intended to serve as an example of how to apply the field data collection, assessment, and prioritization methods in the Manual. A public meeting has been scheduled for July to collect additional input.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	0	0	10000	0.00

LMI%:	
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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	



Grantee Activity Number: URI-01
Activity Title: R7_Saltwater Intrusion into Coastal Aquifers Study

Activity Category:

Planning

Project Number:

6-AP-V11

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Under Way

Project Title:

R7_Planning

Projected End Date:

09/30/2019

Completed Activity Actual End Date:

Responsible Organization:

University of Rhode Island

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$120,742.79
Total Budget	(\$462,170.21)	\$120,742.79
Total Obligated	(\$462,170.21)	\$120,742.79
Total Funds Drawdown	(\$153,614.75)	\$120,742.79
Program Funds Drawdown	(\$153,614.75)	\$120,742.79
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	(\$153,614.75)	\$120,742.79
University of Rhode Island	(\$153,614.75)	\$120,742.79
Most Impacted and Distressed Expended	(\$153,614.75)	\$120,742.79
Match Contributed	\$0.00	\$0.00

Ancillary Activities

Responsible Organization	Activity Type	Project #	Grantee Activity #	Activity Title	Program Income Account
University of Rhode Island	Planning	6-AP-V13 (Ext)	URI-02	R7E_Saltwater Intrusion into Aquifers 2	General Account

Association Description:

Different phases of same activity.

Activity Description:

To date, little is known about saltwater intrusion in Rhode Island's coastal aquifers. Given storm events including Hurricane Sandy and the recent acceleration of the rate of sea level rise and model projections of a potential 2+m of sea level rise by 2100, saltwater intrusion will be a major and growing threat to groundwater quality and the habitat in RI coastal environments. This study proposes to combine monitoring data and modeling studies in coastal aquifers, relying on existing public drinking supply wells and new monitoring wells installed for the purpose of this project in the coastal communities North Kingstown, South Kingstown, Narragansett, Charlestown and Westerly, RI. Our study will result in an enhanced understanding of the extent and impacts of saltwater intrusion to



the coastal zones of Rhode Island. The final report will identify potential mitigation measures and provide information for environmental managers to evaluate possible impacts of major mitigation measures on coastal environments.

V13c: Activity URI-01 split into two phases, URI-01 and URI-02, to match approved R7 extension. Total activity amount unchanged.

Location Description:

Towns of Westerly, Charlestown, South Kingstown, Narragansett, and North Kingstown in Washington County

Activity Progress Narrative:

A steering committee meetgin was held on April 5. Work is ongoing.
 Activity URI-01 split into two phases, URI-01 and URI-02, to match approved R7 extension. Total activity amount unchanged.
 Draws/expenditures adjusted to match extended round.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/2

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	0	0	103607	0.00

LMI%:	
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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	

Project # / Title: 6-AP-V13 (Ext) / R7_Planning (Ext)

Grantee Activity Number: URI-02



Activity Title:**R7E_Saltwater Intrusion into Aquifers 2****Activity Category:**

Planning

Activity Status:

Under Way

Project Number:

6-AP-V13 (Ext)

Project Title:

R7_Planning (Ext)

Projected Start Date:

10/01/2017

Projected End Date:

03/31/2020

Benefit Type:

N/A

Completed Activity Actual End Date:**National Objective:**

N/A

Responsible Organization:

University of Rhode Island

Overall**Total Projected Budget from All Sources****Apr 1 thru Jun 30, 2019**

N/A

To Date

\$462,170.21

Total Budget

\$462,170.21

\$462,170.21

Total Obligated

\$462,170.21

\$462,170.21

Total Funds Drawdown

\$241,853.78

\$241,853.78

Program Funds Drawdown

\$241,853.78

\$241,853.78

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$241,853.78

\$241,853.78

University of Rhode Island

\$241,853.78

\$241,853.78

Most Impacted and Distressed Expended

\$241,853.78

\$241,853.78

Match Contributed

\$0.00

\$0.00

Activity Description:

To date, little is known about saltwater intrusion in Rhode Island's coastal aquifers. Given storm events including Hurricane Sandy and the recent acceleration of the rate of sea level rise and model projections of a potential 2+m of sea level rise by 2100, saltwater intrusion will be a major and growing threat to groundwater quality and the habitat in RI coastal environments. This study proposes to combine monitoring data and modeling studies in coastal aquifers, relying on existing public drinking supply wells and new monitoring wells installed for the purpose of this project in the coastal communities North Kingstown, South Kingstown, Narragansett, Charlestown and Westerly, RI. Our study will result in an enhanced understanding of the extent and impacts of saltwater intrusion to the coastal zones of Rhode Island. The final report will identify potential mitigation measures and provide information for environmental managers to evaluate possible impacts of major mitigation measures on coastal environments.

V13c: Activity URI-01 split into two phases, URI-01 and URI-02, to match approved R7 extension. Total activity amount unchanged.

Location Description:

Towns of Westerly, Charlestown, South Kingstown, Narragansett, and North Kingstown in Washington County

Activity Progress Narrative:

A steering committee meeting was held on April 5. Work is ongoing.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/2

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	

Project # / Title: 6-AP-V9 / R6_Planning

Grantee Activity Number:	CRMC-04
Activity Title:	R6_CERI II

Activity Category:

Planning

Project Number:

6-AP-V9

Projected Start Date:

05/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Completed

Project Title:

R6_Planning

Projected End Date:

04/13/2019

Completed Activity Actual End Date:

04/10/2019

Responsible Organization:

State of Rhode Island, Coastal Resources Management

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$174,705.13
Total Budget	\$0.00	\$174,705.13
Total Obligated	\$0.00	\$174,705.13
Total Funds Drawdown	\$0.00	\$174,705.13
Program Funds Drawdown	\$0.00	\$174,705.13
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$174,705.13
State of Rhode Island, Coastal Resources Management	\$0.00	\$174,705.13
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

CRMC, in conjunction with a University of Rhode Island (URI) research team, will apply the Coastal Environmental Risk Index (CERI) modeling to three low-lying coastal communities (in addition to the two CERI I pilot communities). The project also includes outreach to:

- Municipal officials to collect data needed to apply CERI to three communities;
- Planners within state regulatory agencies to calibrate the terminology used to express the impacts of flooding, storm surge and sea level rise; and
- Municipal and state officials to demonstrate the CERI map/tool.

CERI models the risk coastal areas face from the environment; specifically storm induced flooding and the associated wave environment, sea level rise, and shoreline erosion/accretion.

March 2019: Budget adjusted from \$175,000 to \$174,705 to match actual CDBG-DR costs incurred.

Location Description:

Town of Bristol, Town of Warren, Town of Barrington. Bristol County

Activity Progress Narrative:

closed effective 4/10/2019

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	1	1/2
# of community engagement	11	11/8

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	7240	6320	48165	28.15

LMI%:	
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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



Grantee Activity Number:	CRMC-08
Activity Title:	R6_Design Elevation Maps

Activity Category:

Planning

Project Number:

6-AP-V9

Projected Start Date:

10/01/2017

Benefit Type:

Area Benefit (Census)

National Objective:

N/A

Activity Status:

Under Way

Project Title:

R6_Planning

Projected End Date:

04/14/2019

Completed Activity Actual End Date:

Responsible Organization:

State of Rhode Island, Coastal Resources Management

Overall	Apr 1 thru Jun 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$294.87
Total Budget	\$0.00	\$294.87
Total Obligated	\$0.00	\$294.87
Total Funds Drawdown	\$0.00	\$294.87
Program Funds Drawdown	\$0.00	\$294.87
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$294.87
State of Rhode Island, Coastal Resources Management	\$0.00	\$294.87
Most Impacted and Distressed Expended	\$0.00	\$58.97
Match Contributed	\$0.00	\$0.00

Activity Description:

CRMC and URI are collaborating on a proposal to develop and provide easily accessible design elevation maps based on the STORMTOOLS platform. These maps will provide CRMC applicants, state agencies, municipalities and others with recommended design elevations to aid in the design and construction of public and private structures and infrastructure. These maps will be referred to as STORMTOOLS Design Elevation (SDE) maps and will include storm surge, wave heights (including shoreline condition), and sea level rise to account for future conditions. The FEMA Flood Insurance Rate Maps (FIRM) provide a base flood elevation (BFE), but they do not account for sea level rise. The FIRMs are the regulatory maps that the RI state building code (SBC) references and requires for construction in flood prone areas.

The primary objective of the SDE maps is to provide an alternative BFE that accounts for extreme weather events and sea level rise. The SDE maps provide users a recommended design elevation that will result in coastal hazard resilient construction. The SDE maps would allow the user to compare the elevation differences for their particular location between these new STORMTOOLS maps and the FIRM. With this information, the user can decide whether they want to voluntarily exceed the elevation determined by the FIRM and build to the SDE map recommendation or just build to the SBC required elevation.

Major Tasks:

1. Generate STORMTOOLS Design Elevation Maps for the state's coastal areas, adding wave heights models to existing storm surge, sea level rise, and erosion models. Make maps accessible via the STORMTOOLS web site and RI GIS.



2. Compare recommended Design Elevation Maps to regulatory FEMA FIRM maps.
3. Provide outreach/information sessions targeted at coastal communities, regulators, and engineering community responsible for design of structures and infrastructure.
4. Prepare a final report and papers for the refereed literature summarizing the results of the effort.
 Feb 2019: Added CRMC-08 as phase of CRMC-06 with zero budget. Activity phase will only be budgeted/used if needed to meet Round 6 deadline.
 March 2019: Budget adjusted from \$0 to \$294 to meet Round 6 expenditure deadline.

Location Description:

21 coastal communities, all RI counties

Activity Progress Narrative:

The final report has been submitted for this project and closeout is underway.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	0	0	709853	0.00

LMI%:	
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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	



Monitoring, Audit, and Technical Assistance

Event Type	This Report Period	To Date
Monitoring, Audits, and Technical Assistance	0	59
Monitoring Visits	0	48
Audit Visits	0	0
Technical Assistance Visits	0	7
Monitoring/Technical Assistance Visits	0	4
Report/Letter Issued	0	47

