

# Grantee: Rhode Island

## Grant: B-10-DF-44-0001

### July 1, 2019 thru September 30, 2019 Performance

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<b>Grant Number:</b> B-10-DF-44-0001	<b>Obligation Date:</b>	<b>Award Date:</b> 11/10/2010
<b>Grantee Name:</b> Rhode Island	<b>Contract End Date:</b>	<b>Review by HUD:</b> Reviewed and Approved
<b>Grant Award Amount:</b> \$8,935,237.00	<b>Grant Status:</b> Active	<b>QPR Contact:</b> No QPR Contact Found
<b>LOCCS Authorized Amount:</b> \$8,935,237.00	<b>Estimated PI/RL Funds:</b>	
<b>Total Budget:</b> \$8,935,237.00		

### Disasters:

#### Declaration Number

FEMA-1894-RI

### Narratives

#### Disaster Damage:

The flooding that occurred between March 12th and 30th 2010 (FEMA declaration DR-1894) was the worst in over 100 years in the State of Rhode Island, and was unprecedented in scale, ubiquity, and overall impact to the State. The disaster was caused by exceptionally heavy spring rainfall along the Northeast coast. Fully 16.32 inches of rain accumulated in Rhode Island in March, eclipsing the previous record of precipitation by more than an inch; more than 8.6 inches of rainfall over March 28-30th This downpour had two major effects on Rhode Island's physical geography:

- 1.) the Blackstone, Pawtuxet, Woonasquatucket, Pawcatuck and other rivers reached record heights and overflowed. The Pawtuxet crested at 20.79 feet, 11 inches above the 9 feet flood level.
- 2.) The month of rain had led to super-saturation of permeable surfaces, which led to not only a lessening of the effectiveness of watersheds and other river-flood mitigating features, but also to the pooling of non-river waters in low topographies and the seepage of ground waters into basements and foundations. The March 2010 disaster was widespread and delocalized, as flood damage occurred around multiple rivers and low-altitude points.

The flooding itself led to in excess of \$200 million dollars of damage, as conservatively estimated by the Governor's office, to Rhode Island infrastructure, homes and businesses. Multiple utility substations, including a major substation in Westerly, Rhode Island, were flooded, and more than 10,000 households lost power for multi-day periods. Sections of forty major arterial roads and highways were closed, with many incurring significant structural damage; sections of I-95 were shutdown for three days, restricting north-south movement in the State. Numerous bridges, dams and wastewater treatment plants were damaged to the point of requiring replacement or major structural repairs.

Several hundred Rhode Islanders were evacuated during the flood; over 25,000 applied for FEMA Individual Assistance related to disaster needs. Displaced and affected homeowners were disproportionately comprised of low income individuals (39%), according to the Preliminary Damage Assessment. Total damage to homes and individual property is estimated to have exceeded \$100 million.

Perhaps hardest hit were businesses in Rhode Island. Total disaster damage to businesses exceeded \$70 million. Most affected were areas around the Pawtuxet River, where the Natick business district and commercial corridor in West Warwick was submerged under 10 feet of water. More than 3,000 businesses statewide applied for SBA disaster assistance loans.

Intensifying these effects, especially in the business sector, was the already weakened Rhode Island economy. Rhode Island was hit particularly hard by the recession; unemployment at the time of the flood was 12.5%, almost 3.0 points above the national level, and the State budget deficit exceeded \$220 million. Both the damage from the flood, and the temporary and long term stasis and confusion the flood caused, have exacerbated the State's economic situation.

#### Recovery Needs:

Rhode Island is committed to a two tier Recovery Planning strategy, as reflected in the eligible activities under this Action Plan; Short Term strategies, to identify and address needs resultant from flood damage, and Long-Term strategies, to implement mitigation improvements and projects to lessen the destruction from similar disasters in the future. OHCD hopes to use CDBG-DR as the non-federal match to leverage funding for disaster recovery projects conducted by the US Army Corps of Engineers (USACE), RIEMA, and other state entities.

#### Short and Long Term Recovery Strategies

Short term strategies are focused on 'making whole' effected individuals, businesses and municipalities. 'Short Term' projects funded or leveraged through CDBG-DR funds will include financial assistance to businesses which lost crucial assets or operating revenue as a result of the flood; assistance to individuals with eligible unmet need; repairs, rehabilitation and debris removal programs for effected private property; and assistance to municipalities for repairs to damaged infrastructure



and the provision of public services necessary as a result of the flood.

Long term strategies are focused on improving Rhode Island's ability to cope with future disasters, and attempting to mitigate long term negative impacts through the strategic awarding of funds. Chief among these initiatives are the installation of hazard mitigation factors in conjunction with rehabilitation of infrastructure and residences affected by the March 2010 flood, and the use of CDBG-DR funds for leveraging the buyout of flood-zone properties by other state programs. In awarding funds, the CDBG-DR steering committee will also consider negative consequences that can manifest and increase in the long term, if specific disaster needs are not met.

**Leveraging Strategy**

OHCD believes that coordination of all Disaster Recovery programs in the state is necessary to achieve the best possible result. OHCD has coordinated with RIEMA, to confer on joint funding of both Public Assistance (10% match requirement) and Hazard Mitigation projects (25% match requirement), and the USACE, to discuss match funding for large scale regional hazard mitigation projects. When Economic Development Agency monies, as mentioned in the Supplemental Appropriations Act-2010, become available, OHCD will incorporate this resource into the overall joint-funding strategy.

Fifteen municipalities and multiple state agencies have submitted applications. These 15 municipalities include the 5 most severely effected cities, and total damage and need among these municipalities is estimated to account for more than two thirds of the state total. The eligible activities and allocation amounts this Action Plan articulates were informed by these responses, as well as disaster and assistance data received from RIEMA, FEMA, SBA and HUD.

**Public Comment:**

The Rhode Island OHCD will post a draft action plan for the use of the funds, and any substantial amendment to the plan as described above, on the website for a period of not less than (7) calendar days; public comments will be accepted during this time.

Adequate notification will be given to local and regional Planning Commissions and units of local government, and a Notice of Posting for public comments will be published in the following media, in both English and Spanish:

The Providence Journal

75 Fountain Street

Providence RI, 02902

Providence en Español or	Nuevos Horizontes or	America News en Español
45 Meadow View Blvd.	34 Sherwood Avenue	570 Broad Street, Suite 302
North Providence, RI 02904	North Providence, RI 02911	Providence, RI 02907

(online only) (print only)

All comments will be reviewed and incorporated into the draft plan for submission to HUD.

E-mail your comments to [Laura.Sullivan@doa.ri.gov](mailto:Laura.Sullivan@doa.ri.gov) or mail your comments to:

Laura Sullivan, CDBG-DR Program Manager  
Office of Housing and Community Development  
One Capitol Hill, 3rd Floor  
Providence, RI 02908

<b>Overall</b>	<b>This Report Period</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$8,935,237.00
<b>Total Budget</b>	\$0.00	\$8,935,237.00
<b>Total Obligated</b>	\$9,000.00	\$8,891,352.00
<b>Total Funds Drawdown</b>	\$366,059.67	\$8,844,886.55
<b>Program Funds Drawdown</b>	\$366,059.67	\$8,844,886.55
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$366,059.67	\$8,844,886.65
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$7,719,238.07



## Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		96.87%
Overall Benefit Percentage (Actual)		96.87%
Minimum Non-Federal Match	\$0.00	\$7,719,238.07
Limit on Public Services	\$1,340,285.55	\$0.00
Limit on Admin/Planning	\$1,787,047.40	\$1,526,953.40
Limit on Admin	\$446,761.85	\$437,246.26
Most Impacted and Distressed Threshold (Projected)	\$0.00	\$0.00

## Overall Progress Narrative:

The State continues to provide technical assistance to grantees on an ongoing basis via telephone and email. All four remaining Floods activities are proceeding as scheduled. Funds continue to be expended and drawn as activities proceed. The State obligated \$9,000 to activity 35 this quarter. The State is working to commit the remaining balance to be obligated as soon as possible.

## Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
1, Administration	\$4,702.59	\$446,761.00	\$437,246.26
2, Public Facilities and Improvements	\$276,063.47	\$5,195,001.24	\$5,195,001.24
3, Housing Rehabilitation	\$0.00	\$294,472.08	\$294,472.08
4, Economic Recovery	\$0.00	\$1,509,051.64	\$1,509,051.64
5, Property Acquisition	\$0.00	\$319,408.19	\$319,408.19
6, Planning	\$85,293.61	\$1,170,542.85	\$1,089,707.14



# Activities

**Project # /** 1 / Administration

**Grantee Activity Number:** 1a  
**Activity Title:** State Administration

**Activity Category:**

Administration

**Project Number:**

1

**Projected Start Date:**

03/29/2010

**Benefit Type:**

( )

**National Objective:**

N/A

**Activity Status:**

Under Way

**Project Title:**

Administration

**Projected End Date:**

12/31/2020

**Completed Activity Actual End Date:**

**Responsible Organization:**

State of Rhode Island2

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$431,761.00
<b>Total Budget</b>	\$0.00	\$431,761.00
<b>Total Obligated</b>	\$0.00	\$431,761.00
<b>Total Funds Drawdown</b>	\$4,702.59	\$422,246.26
<b>Program Funds Drawdown</b>	\$4,702.59	\$422,246.26
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$4,702.59	\$422,246.26
State of Rhode Island1	\$0.00	\$0.00
State of Rhode Island2	\$4,702.59	\$422,246.26
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Activities were varied and related to the disasters which occurred in March, 2010. Activities range from infrastructure improvements, business assistance, residential rehabilitation and planning.

Budget increased by \$88,141 as a result of the transfer of activity delivery costs previously budgeted as local administration (Activity 1b) to non-admin activities, per guidance provided by HUD during June 2014 monitoring visit.

June 2015: Budget increased by \$44,319.44 as a result of the transfer of activity delivery costs previously budgeted as local administration (Activity 1b) to non-admin activities, per guidance provided by HUD during June 2014 monitoring visit.

November 2015: Budget increased by \$7,540 as a result of the transfer of activity delivery costs previously budgeted as local administration (Activity 1b) to non-admin activities, per guidance provided by HUD during June 2014 monitoring visit.



### Location Description:

State offices are located at One Capitol Hill - 3rd Floor, Providence, Rhode Island. Local programs will be administered through local Town offices.  
Disaster declaration was statewide. Activities funded are distributed throughout the State.

### Activity Progress Narrative:

The State continues to provide technical assistance to grantees on an ongoing basis via telephone and email. All four remaining Floods activities are proceeding as scheduled. Funds continue to be expended and drawn as activities proceed. The State is working to commit the current balance to activities as soon as possible.

### 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 # / 2 / Public Facilities and Improvements

<b>Grantee Activity Number:</b>	<b>31</b>
<b>Activity Title:</b>	<b>Shippee Avenue Green Infrastructure</b>

#### Activity Category:

Rehabilitation/reconstruction of a public improvement

#### Activity Status:

Under Way

#### Project Number:

2

#### Project Title:

Public Facilities and Improvements

#### Projected Start Date:

01/01/2017

#### Projected End Date:

12/30/2019

#### Benefit Type:

Area ( )

#### Completed Activity Actual End Date:

#### National Objective:

Low/Mod

#### Responsible Organization:

Town of West Warwick

#### Overall

Total Projected Budget from All Sources

#### Jul 1 thru Sep 30, 2019

N/A

#### To Date

\$200,305.32

Total Budget

\$0.00

\$200,305.32



<b>Total Obligated</b>	\$0.00	\$200,305.32
<b>Total Funds Drawdown</b>	\$0.00	\$200,305.32
<b>Program Funds Drawdown</b>	\$0.00	\$200,305.32
<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	\$200,305.32
State of Rhode Island2	\$0.00	\$0.00
Town of West Warwick	\$0.00	\$200,305.32
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

### Activity Description:

Stormwater green infrastructure improvements to reduce the peak stormwater flow rate and runoff volume downhill of Shippee Avenue. Planned improvements include a bioretention basin, a linear bioretention basin on a roadway bump out, and a subsurface sidewalk storage system.

The area of Shippee Avenue and south to Washington Street had major flooding issues during the 2010 Floods. Streets, homes, and businesses all sustained damage due to flood waters. Fire Dept. records show a minimum of ten water/flood calls in this neighborhood during the 2010 Flood event.

### Location Description:

Shippee Avenue neighborhood in West Warwick. Green infrastructure improvements to be installed along Shippee Ave and nearby streets to the north (uphill), to benefit Shippee Ave and nearby streets to the south (downhill).

### Activity Progress Narrative:

The Town has submitted closeout documentation which is currently under review by OHCD.

### 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	

<b>Grantee Activity Number:</b>	<b>34</b>
<b>Activity Title:</b>	<b>Bristol, Tanyard Culvert 2a</b>

**Activity Category:**  
Rehabilitation/reconstruction of a public improvement

**Project Number:**  
2

**Projected Start Date:**  
06/01/2018

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Public Facilities and Improvements

**Projected End Date:**  
12/31/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**  
Town of Bristol

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$276,063.47
<b>Total Budget</b>	(\$49,885.00)	\$276,063.47
<b>Total Obligated</b>	\$0.00	\$276,063.47
<b>Total Funds Drawdown</b>	\$276,063.47	\$276,063.47
<b>Program Funds Drawdown</b>	\$276,063.47	\$276,063.47
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$276,063.47	\$276,063.47
Town of Bristol	\$276,063.47	\$276,063.47
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

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 two 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. See activity #4 for additional information. August 2019: Budget adjusted from \$325,948 to \$276,063 to offset supplemental funding and prevent a duplication of benefits. Scope and beneficiaries remain the same.

**Location Description:**

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

**Activity Progress Narrative:**

The contractor is currently completing construction punch list items and construction is expected to complete next 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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## Project # / 6 / Planning

**Grantee Activity Number:** 30

**Activity Title:** URI, Scituate Reservoir Mit Model Recovery Plan

**Activity Category:**

Planning

**Project Number:**

6

**Projected Start Date:**

09/01/2016

**Benefit Type:**

Area ( )

**National Objective:**

N/A

**Activity Status:**

Under Way

**Project Title:**

Planning

**Projected End Date:**

06/30/2020

**Completed Activity Actual End Date:**

**Responsible Organization:**

State of Rhode Island2

### Overall

**Total Projected Budget from All Sources**

**Jul 1 thru Sep 30, 2019**

**To Date**

N/A

\$324,885.00

**Total Budget**

\$43,885.00

\$324,885.00

**Total Obligated**

\$0.00

\$281,000.00

**Total Funds Drawdown**

\$6,382.61

\$253,049.29

**Program Funds Drawdown**

\$6,382.61

\$253,049.29

**Program Income Drawdown**

\$0.00

\$0.00





<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$6,382.61	\$253,049.29
State of Rhode Island2	\$0.00	\$0.00
University of Rhode Island	\$6,382.61	\$253,049.29
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

### Activity Description:

Disaster recovery planning includes floodplain management measures through mapping, zoning/building code ordinance revisions, floodplain ordinances, drainage basin studies directly related to impacts of the disaster, infrastructure and engineering studies necessary for disaster recovery and mitigation, and updating building requirements. All planning activities must address needs/impacts resulting from the March 2010 disaster. Funds may be used to develop new floodplain maps and to update and improve existing maps.

Disaster recovery planning activities must provide long-term utility.

August 2016: Funds have been awarded to the University of Rhode Island for the Scituate Reservoir Mitigation Modeling Project. This study will investigate the concept of retrofitting the Scituate Reservoir spillway at the Gainer Dam to determine if it is feasible to release water prior to large storm events to create storage capacity within the Reservoir and reduce downstream flooding along the Pawtuxet River. This study involves developing and/or integrating models of 1) Scituate Reservoir impacts on drinking water supply, and 2) downstream Pawtuxet River flooding. Spillway management at the Gainer Dam has the potential to negatively impact water supply, or safe yield. Therefore, this study is designed to identify opportunities for downstream flood mitigation via spillway management without adverse impacts on safe yield. The final report will include sections on data, technical information on the safe yield simulation model, safe yield analysis, scenario selection, and analysis of spillway management alternatives.

January 2017: Budget adjusted from \$274,242 to \$275,000 to match the contract amount. The original DRGR amount was limited by pending minor budget adjustments to other activities in DRGR.

Feb 2019: Budget adjusted from \$275,000 to \$281,000 (using funds deobligated from activity 33) to cover scope modifications, including a brief summary report for a general audience.

August 2019: Budget adjusted from \$281,000 to \$324,885 in anticipation of possible Phase 2 (using funds deobligated from activity 34). Funds will not be obligated in DRGR until Phase 2 confirmed and contracted.

### Location Description:

Rhode Island communities/watersheds that experienced significant flood impacts during the 2010 Floods, such as damages to residential and commercial structures, infrastructure, natural resources, or public assets.

August 2016: The Scituate Reservoir and Pawtuxet River watershed, located in Providence and Kent counties.

### Activity Progress Narrative:

The report was completed and the research team presented to Scituate Reservoir staff/leadership on August 30, 2019.

### 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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<b>Grantee Activity Number:</b>	<b>33</b>
<b>Activity Title:</b>	<b>Culvert Assessment and Resiliency Study</b>

**Activity Category:**

Planning

**Project Number:**

6

**Projected Start Date:**

01/01/2018

**Benefit Type:**

Area ( )

**National Objective:**

N/A

**Activity Status:**

Under Way

**Project Title:**

Planning

**Projected End Date:**

09/30/2019

**Completed Activity Actual End Date:**

**Responsible Organization:**

State of Rhode Island2

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$288,000.00
<b>Total Budget</b>	\$0.00	\$288,000.00
<b>Total Obligated</b>	\$0.00	\$288,000.00
<b>Total Funds Drawdown</b>	\$77,411.00	\$288,000.00
<b>Program Funds Drawdown</b>	\$77,411.00	\$288,000.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$77,411.00	\$288,000.00
State of Rhode Island2	\$77,411.00	\$288,000.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Development of a technical manual and completion of a pilot study to assess the present and future extreme flood vulnerability of roadway crossing structures. The project aims to complete the following objectives:

1. Create a technical manual for state and municipal use containing methods for assessing flood risk vulnerability associated with culvert structures in Rhode Island which is consistent with RI Stormwater Manual. The result will be a prioritization of RIDOT/municipal management actions that address significant threats to the safety of the state transportation network imposed by adverse climatic events. The methods to be described in this technical manual are as follows:  
 Collection of relevant bridge/culvert structural, site, and other data  
 Evaluation of Existing Hydraulic Capacity  
 Evaluation of Existing Streamflow Conditions  
 Evaluation of Flooding Impact Potential  
 Evaluation of Geomorphic Vulnerability  
 Evaluation of Aquatic Organism Passage  
 Future Climate Assessment  
 Potential Disruption of Local Services or Emergency Response Routes  
 Development of Ranking System for Structure Prioritization
2. Apply recommendations in the technical manual and complete a pilot study in the Woonasquatucket River watershed, and provide a list of structures that are a priority for replacement due to the factors in Objective 1.  
 In March of 2010, flooding damage to state and town roads was documented throughout the state. A majority of these damages were in the vicinity of undersized culverts. Without technical guidance on culvert risk assessment available, many of these culverts were repaired and/or replaced in-kind, without considering flood



mitigation strategies. A technical guide on culvert risk assessment will result in future culvert investments that mitigate flood risk and increase the resiliency of state and local transportation assets.

Feb 2019: Budget adjusted from \$300,000 to \$288,000 based on contract amount with vendor.

**Location Description:**

Statewide, with pilot application in Woonasquatucket watershed (primarily Providence County).

**Activity Progress Narrative:**

The project is complete and closeout is underway.

**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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<b>Grantee Activity Number:</b>	<b>35</b>
<b>Activity Title:</b>	<b>Legal Research for Recovery</b>

**Activity Category:**

Planning

**Activity Status:**

Under Way

**Project Number:**

6

**Project Title:**

Planning

**Projected Start Date:**

01/01/2019

**Projected End Date:**

09/30/2020

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

N/A

**Responsible Organization:**

State of Rhode Island2

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$12,000.00
<b>Total Budget</b>	\$6,000.00	\$12,000.00
<b>Total Obligated</b>	\$9,000.00	\$12,000.00
<b>Total Funds Drawdown</b>	\$1,500.00	\$3,000.00
<b>Program Funds Drawdown</b>	\$1,500.00	\$3,000.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$1,500.00	\$3,000.00
State of Rhode Island2	\$1,500.00	\$3,000.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Legal research by Sea Grant Law Fellows at Roger Williams University on two topics directly related to the 2010 Floods, to support an equitable, timely recovery. This planning-only research addresses legal questions resulting from the 2010 Floods disaster and resulting recovery projects. It will inform continued recovery efforts, such as potential modifications to the Gainer Dam, and the design of buyout programs.

The first topic, dam liability, will be covered in the spring 2019 semester, and will result in a fact sheet assessing and explaining issues related to dam owner and government liability.

The second topic, equity and displacement, will be covered in the summer 2019 semester, and will result in a fact sheet assessing and explaining issues related to equity and displacement in the design and implementation of buyout programs.

Each topic will involve a kick-off meeting involving the RWU fellow and faculty/staff, OHCD, and other key stakeholders. At the conclusion of the research, RWU will present the findings to key stakeholders. The fact sheets will be publicly available.

August 2019: Topic 1, dam liability, scope expanded to cover spring 2019 and summer 2019 terms. Topic 2, equity and displacement, scope expanded to cover fall 2019 and spring 2020 terms. Budget adjusted from \$6,000 to \$12,000 (using funds deobligated from activity 34).

**Location Description:**

Statewide (Research studies cover statewide issues.)

**Activity Progress Narrative:**



The Phase I report, "Climate Change and Dam Owner Liability in Rhode Island," is complete and work is now underway on Phase II, which will focus on buyout programs.

## 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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## Monitoring, Audit, and Technical Assistance

Event Type	This Report Period	To Date
Monitoring, Audits, and Technical Assistance	0	22
Monitoring Visits	0	19
Audit Visits	0	0
Technical Assistance Visits	0	1
Monitoring/Technical Assistance Visits	0	2
Report/Letter Issued	0	18