

**Grantee: Columbia, SC**

**Grant: B-16-MH-45-0001**

**January 1, 2018 thru March 31, 2018 Performance Report**

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**Grant Number:**  
B-16-MH-45-0001

**Obligation Date:**

**Award Date:**

**Grantee Name:**  
Columbia, SC

**Contract End Date:**

**Review by HUD:**  
Original - In Progress

**Grant Award Amount:**  
\$26,155,000.00

**Grant Status:**  
Active

**QPR Contact:**  
No QPR Contact Found

**LOCCS Authorized Amount:**  
\$19,989,000.00

**Estimated PI/RL Funds:**

**Total Budget:**  
\$26,155,000.00

## Disasters:

**Declaration Number**  
FEMA-4241-SC

## Narratives

### Disaster Damage:

In October 2015, the City of Columbia, along with much of the State of South Carolina, experienced unprecedented and historical rainfall and flooding resulting from an upper atmospheric low-pressure system that funneled tropical moisture from Hurricane Joaquin. This heavy and extended rainfall exceeded a once in a thousand-year flood event with more than two feet of rainfall in less than 48 hours. The rain and flooding caused extensive damage to many dams, bridges, roads, homes, and businesses in the state's capitol. As a result, approximately 400 homes and 60 businesses received rain and/or flood damage at an estimated value of \$65 million. In addition, the city sustained more than \$75 million in infrastructure losses. Most of the major and severe damages to housing occurred along the banks of Lake Katherine, Central and Lower Gills Creek, Wildcat Creek, and Penn Branch areas of the city. Numerous City of Columbia residents, including many of low-to-moderate income households, were forced to abandon their homes, and many houses were isolated as more than 100 streets were closed, blocked, or impassable. In addition to the damage to private residences and businesses, the city also experienced the total loss of one fire station and training facility.

The flooding also impacted the city's utilities, wastewater treatment systems, and drinking water treatment and collection systems. Due to the fact that the ground surfaces were already saturated from rainfall in September, there were multiple dam failures in the city and a massive breach in the Columbia Canal. Flooding caused a 60-foot section of the Columbia Canal to wash away and caused the water level to drop below the level necessary for the city to pump water into its water treatment facility through normal operations. Additionally, waste water stations were completely submerged and multiple sewer and water lines were ruptured or broken. The canal breach combined with numerous line breaks throughout the water system led to a 10-day disruption of clean drinking water for more than 375,000 citizens who received boil water notices. The flooding and disruption of drinking water severely impacted the operations of the following:

- City Capitol Complex
- Governor's residential compound
- State Agencies
- City Government Agencies
- 5 colleges and 1 major university (40,000 students and 2,000 faculty)
- 5 Hospitals with 2,436 beds (including a Level 1 Trauma Center)
- US military installation -Fort Jackson (3,500 active duty members and 12,000 family members)
- All public, private, and parochial school districts
- Nursing homes and assisted care facilities
- Numerous Banking Institutions, Restaurants, Hotels, Tourist Destinations, and hundreds of other businesses and organizations

This widespread damage to homes, businesses, and critical infrastructure exacted a human toll and disrupting the lives of the citizens of impacted communities in Columbia and across South Carolina who are still recovering.

In Columbia, homes along and near the City's many creeks, lakes, and other waterways were inundated by floodwater causing almost complete destruction of some neighborhoods. Local businesses lost inventory and operations were halted leading to loss of income and wages. Exacerbating the overall economic loss was the decision to relocate the site of a previously scheduled major college football contest from Columbia's University of South Carolina stadium to the opposing team's stadium. As a result, businesses that were not otherwise impacted by the storm's waters experienced tremendous economic loss.



The federal disaster declaration brought necessary resources from the Federal Emergency Management Agency (FEMA) and the Small Business Administration (SBA) to aid in response and recovery. Due to the scale of the damage, FEMA and SBA's resources, as well as private insurance, have proven insufficient to address all of the losses incurred from the disaster.

HUD's allocation of \$19,989 million in Community Development Block Grant Disaster Recovery (CDBG-DR) funds to the City of Columbia will help the city address some of the direct unmet needs. To illustrate the city's plans for implementation of programs to meet these needs, the City of Columbia has developed the following Action Plan. The plan outlines the proposed use of funds and eligible activities available to assist residents and local businesses to recover from the October 2015 flood event.

Supplemental to the CDBG-DR Action Plan, the City of Columbia submitted all Risk Analysis documentation to include the City of Columbia CDBG-DR Pre-Award Implementation Plan in compliance with PL 114-113 in order to demonstrate sufficient capacity to effectively manage and provide oversight of CDBG-DR funding. Two hard copies and one digital copy of this documentation accompanied with all applicable certifications was submitted to HUD on July 22, 2016 as amended on December 21, 2016.

### Recovery Needs:

The CDBG-DR program is considered a "gap" funding source and is intended to assist with recovery needs not covered by other public and private funding sources. While recovery efforts have continued without interruption since October, many impacts remain unaddressed due to several primary factors including: the profound extent and diversity of the damages to housing, infrastructure, and the economy; the unique conditions and vulnerabilities of City of Columbia residents and businesses; and the limitations of available funding assistance. This unmet need assessment provides essential information to better understand the most impacted areas and populations in the City, and guides development of the most effective recovery programs and priorities.

This section describes the City's preliminary assessment of unmet recovery needs resulting from the October severe storm and flooding disaster (DR 4241). When major disasters occur, a significant amount of data and information must be collected and analyzed from numerous agencies, departments, and organizations. Accessing and compiling information on impacts and recovery resources can be a challenge due to varying quality, availability, formatting, and timing of different sources. Estimates of unmet needs are based on the best available information as of July and August 2016, and represent the City's initial calculation of remaining recovery gaps. This assessment should be considered a living document that will be updated as additional information becomes available and Duplication of Benefits analysis occurs during the applicant intake process.

Unmet needs were estimated through a comparison of financial impacts of the qualified disaster event with subsequent recovery funding that has been received or is anticipated. The City of Columbia has worked with the following agencies during the unmet needs assessment and has incorporated data from the following key sources:

#### Federal Emergency Management Agency (FEMA) Individual Assistance (IA) Program

- FEMA Public Assistance Program (PA)
- Small Business Administration (SBA)
- National Flood Insurance Program (NFIP)
- Columbia Housing Authority (CHA) City of Columbia Building Department
- City of Columbia GIS and Planning Departments
- City of Columbia Consolidated Plan
- City of Columbia Comprehensive Plan
- City of Columbia Building and Permits
- City of Columbia Office of Business Opportunity (OBO)
- South Carolina Emergency Management Department
- Engineering estimates for FEMA PA Projects
- United States 2010 Decennial Census
- 2014 American Community Survey (ACS)
- Volunteer Organizations Active in Disaster (VOAD)
- Public and Stakeholder outreach and feedback

This assessment is organized into three main categories: Housing, Infrastructure, and Economic Development. Identifying and documenting the needs across these three core areas allowed the City to strategically allocate limited resources to address the most critical recovery needs while making proactive resilience investments to minimize impacts of future flood events.

A high-level overview of the unmet needs assessment is shown in Table 13 using the best available data and information as of December 2016. It is critical to understand that these figures are initial estimates based on the available information at the time this plan was developed and revised.

Based upon this information, City of Columbia has identified \$120,505,571 million in unmet recovery needs. Although infrastructure is currently shown with the largest gap in funding, the City considers housing the largest unmet need due to the large number of residents impacted by the flood.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$20,989,000.00
Total Budget	\$0.00	\$19,989,000.00
Total Obligated	\$494,900.00	\$2,498,900.00
Total Funds Drawdown	\$119,675.27	\$589,815.94
Program Funds Drawdown	\$119,675.27	\$589,815.94





Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$465,040.67
Most Impacted and Distressed Expended	\$0.00	\$465,040.67
Match Contributed	\$0.00	\$0.00

## Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		61.18%
Overall Benefit Percentage (Actual)		0.00%
Minimum Non-Federal Match	\$0.00	\$0.00
Limit on Public Services	\$3,923,250.00	\$0.00
Limit on Admin/Planning	\$5,231,000.00	\$583,215.94
Limit on State Admin	\$0.00	\$350,653.60
Most Impacted and Distressed Threshold (Projected)	\$0.00	\$0.00

## Overall Progress Narrative:

### Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
DR-01-ADMIN, Administration	\$70,633.66	\$999,450.00	\$350,653.60
DR-02-PLANNING, Planning	\$47,541.61	\$999,450.00	\$232,562.34
DR-03-ECONDEV, Economic Development	\$0.00	\$200,000.00	\$0.00
DR-04-HOUSG, Housing Programs	\$0.00	\$15,790,100.00	\$0.00
DR-05-BUYOUT, Buyout Program	\$1,500.00	\$2,000,000.00	\$6,600.00



## Activities

**Project # / Title:** DR-01-ADMIN / Administration

**Grantee Activity Number:** 01-ADM-JL-9107080116  
**Activity Title:** Administration - Salaries

**Activity Category:**

Administration

**Activity Status:**

Under Way

**Project Number:**

DR-01-ADMIN

**Project Title:**

Administration

**Projected Start Date:**

01/26/2017

**Projected End Date:**

01/26/2022

**Benefit Type:**

N/A

**Completed Activity Actual End Date:**

**National Objective:**

N/A

**Responsible Organization:**

City of Columbia

Overall	Jan 1 thru Mar 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$999,450.00
Total Budget	\$0.00	\$999,450.00
Total Obligated	\$0.00	\$999,450.00
Total Funds Drawdown	\$70,633.66	\$350,653.60
Program Funds Drawdown	\$70,633.66	\$350,653.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$280,019.94
Most Impacted and Distressed Expended	\$0.00	\$280,019.94
Match Contributed	\$0.00	\$0.00

**Activity Description:**

Administration for CDBG-DR including salaries and administrative costs required to successfully manage DR funding and implement DR programs and activities.

The City of Columbia has incurred pre-award and pre-agreement costs of \$231,300 for the following activities:

- Translation Services - \$ 3,200
- DRGR Grant Reporting Training - \$3,100

- CDBG-DR Administrative Set-Up - \$225,000

The City of Columbia Action Plan was approved on January 24, 2017. The office of Community Development is completing a Tier I Environmental Review. It's Tier II site specific environmental review will occur when eligible addresses have been identified.



**Location Description:**

City of Columbia Community Development Department, 1225 Lady St. Columbia, Suite 102, SC 29201 is the administrative address where DR funding and program oversight occurs. The DR program will be invested throughout the City limits of Columbia and focusing on the areas that were severely impacted by the 2015 Flood Disaster.

**Activity Progress Narrative:**

**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: DR-02-PLANNING / Planning**

<b>Grantee Activity Number:</b>	<b>02-PLN-JL-9107080017</b>
<b>Activity Title:</b>	<b>Planning</b>

**Activity Category:**  
Planning

**Activity Status:**  
Under Way

**Project Number:**  
DR-02-PLANNING

**Project Title:**  
Planning

**Projected Start Date:**  
01/26/2017

**Projected End Date:**  
01/26/2022

**Benefit Type:**  
Area Benefit (Census)

**Completed Activity Actual End Date:**

**National Objective:**

**Responsible Organization:**



<b>Overall</b>	<b>Jan 1 thru Mar 31, 2018</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$999,450.00
<b>Total Budget</b>	\$0.00	\$999,450.00
<b>Total Obligated</b>	\$0.00	\$999,450.00
<b>Total Funds Drawdown</b>	\$47,541.61	\$232,562.34
Program Funds Drawdown	\$47,541.61	\$232,562.34
Program Income Drawdown	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$185,020.73
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$185,020.73
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

The City of Columbia incurred pre-award and pre-agreement costs of \$173,050 for the following activities:

- Risk Analysis & Action Plan Development - \$161,150
- Program Design Development - \$3,800
- Environmental Services - \$8,100

Planning activities include at least 6 Substantial Amendments, Quick Base Data Collection System of Record Development (and updates), and Quality Assessment and Quality Control Plan. Additionally, we estimate 2 outreach/events for citizen participation and information over 6 years (6x2=12).

**Location Description:**

City of Columbia Community Development Department, 1225 Lady St. Columbia, Suite 102, SC 29201 is the address where DR funding for program planning and oversight occurs. The DR program will be invested throughout the City limits of Columbia and focusing on the areas that were severely impacted by the 2015 Flood Disaster.

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	<b>This Report Period</b>	<b>Cumulative Actual Total / Expected</b>
	<b>Total</b>	<b>Total</b>
# of Plans or Planning Products	0	1/11
# of community engagement	0	9/12





## 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: DR-05-BUYOUT / Buyout Program

**Grantee Activity Number:** 05-CBP-UN-JL-9107408017

**Activity Title:** Columbia Buyout Program - UrgentNeed

### Activity Category:

Acquisition - buyout of residential properties

### Project Number:

DR-05-BUYOUT

### Projected Start Date:

01/26/2017

### Benefit Type:

Direct Benefit (Households)

### National Objective:

Urgent Need

### Activity Status:

Planned

### Project Title:

Buyout Program

### Projected End Date:

01/26/2022

### Completed Activity Actual End Date:

### Responsible Organization:

City of Columbia

### Overall

Total Projected Budget from All Sources

### Jan 1 thru Mar 31, 2018

N/A

### To Date

\$1,210,526.00

Total Budget

\$0.00

\$1,210,526.00

Total Obligated

\$494,900.00

\$500,000.00

Total Funds Drawdown

\$1,500.00

\$6,600.00

Program Funds Drawdown

\$1,500.00

\$6,600.00

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$0.00

Most Impacted and Distressed Expended

\$0.00

\$0.00





Match Contributed

\$0.00

\$0.00

**Activity Description:**

The Buyout Program is a voluntary program designed to reduce the risk from future flooding of residential properties located in the floodway or floodplain that sustained Major-Hi or Severe damages in the 2015 Flood Disaster. The purchase price is based upon pre-disaster Fair Market Value (FMV). 23 Urgent Need households will benefit.

Severely damaged homes, particularly in SFHA, are a health and safety risk to the community. The City recognizes that the loss of rental units is significant as the city has a limited amount of affordable housing making it more difficult for renters to adapt to post-flooding conditions. By encouraging homeowners and landlords with damaged units in the flood plain, where there is a high risk of additional disasters, to participate in this Buyout program, the city is reducing the impact of future disasters and encouraging resettlement in one of its nine areas targeted for revitalization and redevelopment, thus extending its long-term vision for a healthy, vital community.

Project Delivery costs are included within this budget.

**Location Description:**

The damaged owner occupied or rental dwelling unit must be located within Columbia City limits in a designated floodway or floodplain. This voluntary program seeks to reduce the risk from future flooding by purchasing contiguous residential properties located in the floodway or floodplain that sustained "Major-High" or "Severe" damages. Eligible owner-occupants and owners of rental properties where damages pose a health or safety hazard will receive top priority for funding. The purchase price of these properties will be based upon pre-disaster Fair Market Value (FMV). All residential properties acquired will be demolished and dedicated in perpetuity to a public use that is compatible with open space, recreation, natural floodplain functions, ecosystem restoration, or wetlands management practices. Program funds will also be used for property disposition costs, as necessary.

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	0	0/23

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	0	0/23
# of Singlefamily Units	0	0/23

**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	0/0	0/23	0
# Owner Households	0	0	0	0/0	0/0	0/23	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	

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