

Grantee: Springfield, MA

Grant: B-13-MS-25-0002

October 1, 2018 thru December 31, 2018 Performance



Grant Number:
B-13-MS-25-0002

Obligation Date:

Award Date:

Grantee Name:
Springfield, MA

Contract End Date:

Review by HUD:
Reviewed and Approved

Grant Award Amount:
\$17,056,880.00

Grant Status:
Active

QPR Contact:
Cathy Kelly Buono

LOCCS Authorized Amount:
\$17,056,880.00

Estimated PI/RL Funds:
\$200,000.00

Total Budget:
\$17,256,880.00

Disasters:

Declaration Number

No Disasters Found

Narratives

Executive Summary:

Springfield, Massachusetts, located at the crossroads of New England at the confluence of four rivers, is creating an Urban Watershed Resilience Zone made up of its most economically distressed neighborhoods. With National Disaster Resilience funding and leveraged resources, the City will carry out a portfolio of projects throughout this 6.8 square mile Zone that will: provide flood protection; introduce two clean redundant energy sources; create and enhance business, employment, and job training opportunities; provide safe and healthy housing; and continue to engage residents regarding climate change and environmental stewardship. The Zone's projects have significant co-benefits, including recreation opportunities, local and regional health benefits, decreased heat island effect, disaster preparedness, and climate change mitigation. The City's comprehensive approach in a focused target area will support neighborhood revitalization. Springfield is piloting these projects in the region's lowest-income neighborhoods, with the long-term plan of expanding key interventions city-wide and providing a model for other towns in the Pioneer Valley. In addition, the Urban Watershed Resilience Zone is intended to serve as a model for Springfield's peer cities - waterfront urban communities in the northeast and mid-Atlantic - to respond to flood and energy interruption risks expected as a result of climate change, as well as to the challenges of urban poverty. The City was awarded \$17,056,880 in National Disaster Resilience funds to support this resilience initiative, which will leverage \$63,087,905 in other investments. The five projects funded by NDR are Clean Redundant Energy Sources, Healy Homes Rehab Program, Business and Job Opportunities, Administration and Planning including Community Engagement. The projects draw on strategies identified in region's 2012-2014 HUD-funded Sustainable Communities Regional Planning initiative, and will significantly enhance the long-term commitment that Springfield has already made to climate change adaptation and mitigation through long-term planning, and legislative and policy change. The impacts of climate change and recognition of the need to find ways to live with water and the changing environment became strikingly apparent for Springfield during the period 2011 through 2013, when the city experienced five presidentially-declared disasters, the most of any municipality in the country during that time period. The most severe was an EF3 tornado—very unusual in New England—which tore a ½ mile wide, 6.2-mile long swath of destruction through the heart of the City's downtown and residential neighborhoods. Tornado damage to structures, including leaking roofs, was exacerbated by wind and rains of Tropical Storm Irene in August 2011. Another freak storm, the October 2011 record early snowstorm, decimated the City's tree canopy which was vulnerable because trees were still fully-leaved out. Springfield's other disasters were a 2011 blizzard and 2013 Superstorm Nemo.

Springfield is located in western Massachusetts and is the fourth largest city in New England, with a population of roughly 150,000, in a metropolitan area of almost 700,000. While the City is unique in experiencing so many disasters in such a otherwise a prototypical northeast post-indu

Executive Summary:

Springfield is a manufacturing city. Following loss of manufacturing jobs, white flight, foreclosures and housing abandonment, the City's economic distress has become geographically concentrated in the neighborhoods designated as the Urban Watershed Resilience Zone. These neighborhoods, located in the downtown area, are closest to the Connecticut River, have a 41% poverty rate, and are made up predominantly of people of color. The target neighborhoods are home to 10% of the region's total population but include 3

MID-URN Areas:

Springfield is located in Hampden County, Massachusetts, which is designated as a most impacted and distressed area in the NDR competition. Within Hampden County, Springfield is targeting a defined geographic portion of the City that it has designated as the Urban Watershed Resilience Zone, made up of all or portions of Springfield's disaster-impacted and most economically distressed eight neighborhoods: Brightwood, Memorial Square, lower Liberty Heights, Metro Center, South End, Six



Corners, Old Hill, and a portion of Forest Park. The following census tracts/blocks comprise the Urban Water Resilience Zone: 8004.001, 8004.002, 8005.001, 8005.002, 8006, 8007, 8008, 8009, 8011.01, 8011.02, 8012, 8017, 8018, 8019.01, 8019.02, 8020, 8021.001, 8021.002, 8021.004, 8022, and 8023.

Key Agencies, Partners, Positions, Personnel:

Springfield will partner with Baystate Health, DevelopSpringfield, the Pioneer Valley Planning Commission, the Hampden County Regional Employment Board, Tech Foundry, ReGreen Springfield, and Partners for a Healthier Community. The Springfield Water and Sewer Commission is providing critical supporting commitments.

Baystate Health will develop, own and operate the cogeneration facility at Baystate Medical Center. Baystate Health is made up of six hospitals, 80 medical groups and its own health insurance plan, Health New England. The system is overseen by a 23-member Board of Trustees and President and CEO Dr. Mark A. Keroack. Baystate Health completed a \$296 million new "Hospital of the Future" facility in 2012, developed the TechSpring Innovation Center in 2014, and purchased Noble Hospital, in Westfield, Massachusetts, in 2015. Development of the cogeneration facility is being led by Sean M. Gouvin, Director Facilities Planning & Engineering. Mr. Gouvin oversees planning, design, maintenance, and construction for approximately 4 million square feet of facility space, including BayState Health's six hospitals.

DevelopSpringfield is developing the Springfield Innovation Center. DevelopSpringfield is a nonprofit, 501(c)(3) corporation with the mission to advance development and redevelopment projects, to stimulate and support economic growth, and to expedite the revitalization process within the City of Springfield. The organization is led by a board of directors which includes representatives from the City, state, and local business community, and its Executive Director is Jay Minkarah, who has over 25 years' experience in planning and economic development, including serving as Economic Development Director for the City of Nashua, NH and Community Development Director for the Town of Merrimack NH.

The Pioneer Valley Planning Commission (PVPC) will support the NDR Program by providing ongoing assistance with community engagement, undertaking community-involved climate change planning and providing ongoing data collection and analysis. PVPC is also consulting with the City on its Complete Streets program and providing technical assistance regarding bio retention tree boxes. PVPC, a quasi-governmental regional planning agency, is the primary agency responsible for increasing communication, cooperation, and coordination among all levels of government as well as the private business and civic sectors for the benefit of the Pioneer Valley region and its residents' quality of life.

The Regional Employment Board of Hampden County (REB) will provide job training. Established by Federal and State legislation, the REB is a business-led, non-profit corporation that engages its members from business, education, labor and community-based agencies to set public policies that will build a better workforce. The REB has an annual budget of \$12.3 million in state and federal funding. It is governed by a 44-member Board of Directors, and its Executive Director is David Cruise, who has been with the organization for 9 years.

Tech Foundry will operate the Information Technology job training program. TechFoundry is a nonprofit

Key Agencies, Partners, Positions, Personnel:

t organization that teaches technical and workplace skills that tech companies want in an entry-level employee. The organization seeks to transform the economic landscape of the Pioneer Valley by creating a highly trained IT workforce that draws national companies to the region. It graduated its first class of 23 yearlong students in June 2015.

The nonprofit organization ReGreen Springfield will operate tree planting, tree care, education, and volunteer opportunities to City residents. The mission of ReGreen Springfield is to promote the reforestation of Springfield, improve growing conditions for trees, and engage new allies in tree care and monitoring, education, and citizen science. ReGreen Springfield's experience includes partnership with the City to operate a \$0.5 million program to help restore Springfield's urban forest canopy by strategically planting 1,140 trees on over 450 private properties in locations that will lead to reduced energy use. This project was awarded the Massachusetts Municipal Association's 2014 Kenneth E. Pickard Municipal Innovation Award.

Partners for a Healthier Community (PHC) is leading Springfield's Healthy Homes Initiative. PHC is a nonprofit organization committed to improving the public's health by fostering innovation, leveraging resources, and building partnerships across sectors, including government agencies, communities, the health care delivery system, media, and academia. The agency is led by a 21-member Board of Directors and its Executive Director, Jessica Collins, who holds a master's degree and over 15 years' experience in the public health field. The work of the organization is carried out by eight staff and contracted consultants.

The Springfield Water and Sewer Commission (SWSC) is coordinating with the City to enhance flood control systems. SWSC's is governed by a three-member Board of the Commissioners, appointed by the Mayor of Springfield and approved by the City Council, and responsible for establishing policies and procedures for efficient water and sewer operations. Operations are carried out by 240 employees under the Executive Director, Katherine Pederson. Construction projects are managed by Chief Engineer Robert Stoops who has over 25 years design and construction experience, and has overseen capital projects at the SWSC for 13 years.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$80,144,784.00
Total Budget	\$0.00	\$17,056,879.00
Total Obligated	\$0.00	\$17,056,879.00
Total Funds Drawdown	\$492,092.42	\$6,954,641.41
Program Funds Drawdown	\$492,092.42	\$6,954,641.41
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00



Total Funds Expended	\$492,092.42	\$6,954,641.41
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		64.41%
Overall Benefit Percentage (Actual)		18.13%
Minimum Non-Federal Match	\$0.00	\$0.00
Limit on Public Services	\$2,558,532.00	\$0.00
Limit on Admin/Planning	\$3,411,376.00	\$742,838.50
Limit on Admin	\$0.00	\$239,519.53
Most Impacted and Distressed Threshold (Projected)	\$0.00	\$0.00

Overall Progress Narrative:

10/1/2018 - 12/31/2018

Activity #1: Cogeneration Facility. All work is complete and DOER and the City have approved final payments to Baystate. The City anticipates closing this project out within the next quarter.

Activity #2: Hydropower. The City has received the preliminary study and anticipates the finalized version in the beginning of February.

Activity #3: Healthy Homes. The City closed the first three loans within this quarter and those projects are underway, the City anticipates construction continuing into the next quarter. The City continues to work with the remaining 15 applicants and anticipates another three loans closing within the next quarter, and will continue work with the remaining occupants to obtain necessary documentation and inspections to move the remaining loans to closing.

Activity #4: Springfield Innovation Center. Construction is ongoing. The permanent certificate of occupancy was obtained within this quarter and the City anticipates large portions of the space being occupied and operating within the next quarter.

Activity #5: Safe Homes Training. The City is working on a contract amendment that will allocate the remainder of NDR funding for this project that wasn't included in their original contract and an extension of time; that will allow for additional training sessions. We anticipate this being executed within the next quarter.

Activity #6: IT Workforce Program. Final training session was completed within this quarter and the City anticipates paying out final costs within the next quarter.

Activity #7: Administration. Expenditures for the administration of the CDBG-NDR Grant both programmatic and fiscal.

Activity #8: Planning. Expenditures for the planning of the CDBG-NDR Grant.

Activity #9 Climate Change Action Plan: The plan is complete and the City continues to work towards implementation of the plan.

Activity #10: Citizen Science Initiative. The subrecipient has completed their initially planned training sessions. It was determined within this quarter that one additional session could be completed with the existing un-used funding would combine both the Citizen Science Initiative and the Citizen Tree Stewart. The City is working on the contract amendment and anticipates that session beginning within the next quarter and finishing no later than the end of winter 2019.

Activity #11: Citizen Tree Stewart Program. The subrecipient has completed their initially planned training sessions. It was determined within this quarter that one additional session could be completed with the existing un-used funding would combine both the Citizen Science Initiative and the Citizen Tree Stewart. The City is working on the contract amendment and anticipates that session beginning within the next quarter and finishing no later than the end of winter 2019.



Activity #12: Phase 2 – Climate Action Plan. This is linked to Activity# 9 and has been completed.

Activity #13: % Reduction of Municipal Energy Use. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%.

Activity #14: Complete Hazard Mitigation Plan. The Hazard Mitigation Plan was reviewed and accepted by FEMA on October 28, 2016.

Activity #15: Supporting Leverage – Springfield Water and Sewer total leveraged funding commitment was \$54,350,000.00. To date they have spent \$35,000,000.00 with construction ongoing. The original anticipated cost for the work was \$54,350,000. The new estimated for total cost for all projects is \$100,000,000.00.

Activity #16: Environmental Values – # of Climate Action Plans Completed and % reduction in kWh used. The Climate Action Plan is complete and the City continues to work towards implementation of the plan. This activity is linked to Activity 9. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%. This reduction is also linked to Activities 1 and 2.

Activity #17: Economic Values – % reduction in utility costs and % increase in business revenue. The Economic Value for reduction in utility costs is linked to Activity 1 and Activity 2. The Cogeneration Facility work is complete and DOER and the City have approved final payments to Baystate. The City anticipates closing this project out within the next quarter. The City has received the preliminary study and anticipates the finalized version of the use of hydropower in the beginning of February.

% increase in business revenues for business utilizing the innovation center –The business revenue is linked to Activity 6. The Springfield Innovation Center is a new business incubator. Construction is ongoing. They believe they will obtain the Certificate of Occupancy within the next quarter.

Activity #18: Social Values – # of healthy homes interventions and # of people enrolled in training programs. The City closed the first three loans within this quarter and those projects are underway, the City anticipates construction continuing into the next quarter. The City continues to work with the remaining 15 applicants. This value is linked to Activity 3. A total of 149 people have been enrolled in training programs as of December 31, 2018. This value is linked to Activities 4, 5, and 6.

Activity #19: Resilience Values - # of Mitigation Plans Completed, # of residential building permits, and % reduction in kWh used. The Hazard Mitigation Plan was reviewed and accepted by FEMA on October 28, 2016. Residential building permits are linked to Activity 3. The City is currently working with 14 applicants. Construction should begin in the next quarter. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%. This reduction is also linked to Activities 1 and 2.

Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
LTC-5, LTC-Long Term Commitments	\$0.00	\$0.00	\$0.00
NDR-1, NDR-Clean Redundant Energy Sources	\$127,650.33	\$10,067,500.00	\$5,350,705.67
NDR-2, NDR-Healthy Homes Rehabilitation Program	\$97,442.67	\$4,675,001.00	\$447,473.25
NDR-3, NDR-Business and Job Opportunities	\$40,353.20	\$791,716.00	\$413,623.99
NDR-4, NDR-Administration and Planning	\$226,646.22	\$1,522,663.00	\$742,838.50
OV-7, OV-Outcome Values	\$0.00	\$0.00	\$0.00
SL-6, SL-Supporting Leverage	\$0.00	\$0.00	\$0.00



Activities

Project # / Title: LTC-5 / LTC-Long Term Commitments

Grantee Activity Number: 12-LTC

Activity Title: Phase 2-Climate Action Plan

Activity Category:

NDR - Long Term Commitment

Project Number:

LTC-5

Projected Start Date:

10/30/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

LTC-Long Term Commitments

Projected End Date:

06/30/2017

Completed Activity Actual End Date:

06/30/2018

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Complete Phase 2 of the Climate Action Plan – June 30, 2017

Climate Change Action Plan. Springfield has completed phase 1 of a climate change plan and will partner with the Pioneer Valley Planning Commission (PVPC) to complete phase 2. This will include all public outreach, stakeholder consultation, conducting and compiling all associated research and data collection, drafting the plan, incorporating all feedback and providing final version of the plan.

Location Description:

City of Springfield

Activity Progress Narrative:



Phase 2 – Climate Action Plan. This is linked to Activity# 9 and has been completed.

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	



Grantee Activity Number:	13-LTC
Activity Title:	% Reduction of Municipal Energy Use

Activity Category: NDR - Long Term Commitment	Activity Status: Under Way
Project Number: LTC-5	Project Title: LTC-Long Term Commitments
Projected Start Date: 10/30/2016	Projected End Date: 01/31/2017
Benefit Type: ()	Completed Activity Actual End Date:
National Objective: NA	Responsible Organization: City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:
 % reduction of Municipal energy use – 5%
 Reduction in Municipal Energy Use. The City has been focused on reduction of municipal energy use since 2007, and it reduced energy use 23% from the first year through FY14. In FY14, the City used 2,016,289 BTUs of natural gas and 46,455,434 electric kWh. The City installed new boilers, LED lighting, and Energy Management Systems (EMS) in all municipal buildings. The City has committed to take actions to reduce energy amounts an additional 5% within the next year. Springfield's commitment and performance on this metric have enabled it to be a designated Massachusetts Green Community, which provides the opportunity to apply for state grants for energy projects.

Location Description:
 City of Springfield

Activity Progress Narrative:
 % Reduction of Municipal Energy Use. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%.



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



Grantee Activity Number:	14-LTC
Activity Title:	Complete Hazard Mitigation Plan

Activity Category: NDR - Long Term Commitment	Activity Status: Under Way
Project Number: LTC-5	Project Title: LTC-Long Term Commitments
Projected Start Date: 10/30/2016	Projected End Date: 01/31/2017
Benefit Type: ()	Completed Activity Actual End Date: 10/28/2016
National Objective: NA	Responsible Organization: City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Complete Hazard Mitigation Plan and receive approval from both MEMA and FEMA-1 complete plan Hazard Mitigation Plan. Since the 2011-2013 disasters, Springfield has created a comprehensive Hazard Mitigation Plan, which incorporates projections and risk from climate change science to guide the City's disaster planning. For example, the Plan specifically addresses increased risk from rain events of increased capacity and duration. The Hazard Mitigation Plan was approved by the Massachusetts Emergency Management Agency (MEMA) in October 2015, and has been forwarded to the Federal Emergency Management Agency (FEMA) for its approval.

Location Description:

City of Springfield

Activity Progress Narrative:

Complete Hazard Mitigation Plan. The Hazard Mitigation Plan was reviewed and accepted by FEMA on October 28, 2016.



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: NDR-1 / NDR-Clean Redundant Energy Sources

Grantee Activity Number:	01-NDR
Activity Title:	Cogeneration Facility

Activity Category:
Acquisition, construction, reconstruction of public facilities

Project Number:
NDR-1

Projected Start Date:
11/30/2016

Benefit Type:
Area ()

National Objective:
Urgent Need

Activity Status:
Under Way

Project Title:
NDR-Clean Redundant Energy Sources

Projected End Date:
12/31/2018

Completed Activity Actual End Date:

Responsible Organization:
City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$5,100,000.00
Total Budget	\$0.00	\$5,100,000.00
Total Obligated	\$0.00	\$5,100,000.00
Total Funds Drawdown	\$100,000.00	\$5,085,626.27
Program Funds Drawdown	\$100,000.00	\$5,085,626.27



Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$100,000.00	\$5,085,626.27
City of Springfield2	\$100,000.00	\$5,085,626.27
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Cogeneration Baystate Health is developing a combined heat and power plant that will provide electricity, chilled water and steam to Baystate Medical Center. The cogeneration plant will produce 80% of Baystate Health's annual energy consumption, and will provide an annual reduction of greenhouse gases by 13,513 tons. While Baystate Health's existing utility system was designed to keep the facility operational for 96 hours after a disaster, the new system will extend resiliency during a utility crisis to more than 30 days. Design and engineering for this \$23 million project is complete.

Location Description:

759 Chestnut Street Springfield, MA
 Census Tract: 8005
 Block Group: 3

Activity Progress Narrative:

Cogeneration Facility. All work is complete and DOER and the City have approved final payments to Baystate. The City anticipates closing this project out within the 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

Match Sources	Amount
BayState Health Center	\$18,599,743.00
Subtotal Match Sources	

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	02-NDR
Activity Title:	Hydropower

Activity Category:
Acquisition, construction, reconstruction of public facilities

Activity Status:
Under Way

Project Number:
NDR-1

Project Title:
NDR-Clean Redundant Energy Sources

Projected Start Date:
10/30/2016

Projected End Date:
09/01/2022

Benefit Type:
Area ()

Completed Activity Actual End Date:

National Objective:
Low/Mod

Responsible Organization:
City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$4,967,500.00
Total Budget	\$0.00	\$4,967,500.00
Total Obligated	\$0.00	\$4,967,500.00
Total Funds Drawdown	\$27,650.33	\$265,079.40
Program Funds Drawdown	\$27,650.33	\$265,079.40
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$27,650.33	\$265,079.40
City of Springfield2	\$27,650.33	\$265,079.40
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Hydropower. Hydropower will be restored downstream of the Watershops Pond dam, onland owned by the City of Springfield . The City has already conducted a feasibility analysis for this project and has filed a permit application with the Federal Energy Regulatory Commission (FERC). The restored hydropower will have the potential to generate 707,000 kWh during an average year and will be capable of functioning independent of the grid. A portion of this electricity will fully power the newly-built Brookings School, located about 800 feet to the north of the project site, which was developed to have the capacity to be used as an emergency center/shelter in the event of disaster. The remainder of the energy has the ability to be made available in the neighborhood.

Location Description:

1 Allen Street
Census Tract: 8023
Block Group: 1

Activity Progress Narrative:

Hydropower. The City has received the preliminary study and anticipates the finalized version in the beginning of February.



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

Match Sources	Amount
City of Springfield	\$1,000,000.00
Subtotal Match Sources	
Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: NDR-2 / NDR-Healthy Homes Rehabilitation Program

Grantee Activity Number:	03-NDR
Activity Title:	Housing Rehabilitation

Activity Category:

Rehabilitation/reconstruction of residential structures

Project Number:

NDR-2

Projected Start Date:

01/01/2017

Benefit Type:

Direct (HouseHold)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR-Healthy Homes Rehabilitation Program

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall

	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$4,675,000.00
Total Budget	\$0.00	\$4,675,000.00
Total Obligated	\$0.00	\$4,675,000.00



Total Funds Drawdown	\$97,442.67	\$447,473.25
Program Funds Drawdown	\$97,442.67	\$447,473.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$97,442.67	\$447,473.25
City of Springfield2	\$97,442.67	\$447,473.25
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Springfield will operate a Healthy Homes Rehabilitation program, which will be available for owners of 1-4 unit structures to complete rehabilitation, lead abatement, and healthy homes interventions. The City's goal is to improve the quality of owner-occupied and rental housing stock in targeted and concentrated areas of the City that are vulnerable to abandonment, so that, in a future disaster, owners would be more likely to repair rather than abandon. The project's inclusion of a healthy homes component responds to the significant health disparities faced by the low-income population that lives in the Urban Watershed Resilience Zone. In particular, the Zone's high asthma rates support an effort to address indoor air quality issues.

Location Description:

Urban Watershed Resilience Zone

Activity Progress Narrative:

Healthy Homes. The City closed the first three loans within this quarter and those projects are underway, the City anticipates construction continuing into the next quarter. The City continues to work with the remaining 15 applicants and anticipates another three loans closing within the next quarter, and will continue work with the remaining occupants to obtain necessary documentation and inspections to move the remaining loans to closing.

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

Match Sources	Amount
City of Springfield	\$500,000.00
Subtotal Match Sources	\$0.00
Other Funding Sources	Amount
Total Other Funding Sources	\$0.00



Partners for a Healthier Community

\$367,065.00

Total Other Funding Sources

\$0.00

Project # / Title: NDR-3 / NDR-Business and Job Opportunities

Grantee Activity Number:	04-NDR
Activity Title:	Springfield Innovation Center

Activity Category:

Econ. development or recovery activity that creates/retains

Activity Status:

Under Way

Project Number:

NDR-3

Project Title:

NDR-Business and Job Opportunities

Projected Start Date:

01/10/2017

Projected End Date:

09/01/2018

Benefit Type:

Direct (Person)

Completed Activity Actual End Date:

National Objective:

Urgent Need

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$300,000.00
Total Budget	\$0.00	\$300,000.00
Total Obligated	\$0.00	\$300,000.00
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 Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Springfield Innovation Center. The City's partner DevelopSpringfield will rehabilitate two adjacent buildings in downtown Springfield to create a 16,500 sq. ft. entrepreneurial center . The Innovation Center is a catalytic project designed to jumpstart reinvestment, job creation and redevelopment activity, while building a community of entrepreneurs. The Center is a collaborative enterprise of developSpringfield, the nonprofit Valley Venture Mentors (VVM), the state of Massachusetts, and MassDevelopment. VVM will manage the business accelerator, which will support emerging entrepreneurs through mentorship, education and enhanced collaboration. Approximately 9,300 square feet of the Innovation Center make up the business accelerator's presentation, conference and co-working space. The Innovation Center will offer rent-free office space and an "innovation cafe" in the adjacent retail space. In addition to providing food and beverage service, the café will provide a test kitchen and prep area to support the emerging food truck industry and other food service entrepreneurs. Over a three-year period, the SIC will support the creation of 50 new businesses. To measure the success of the initiative, the City and its partners will track and



evaluate the number of jobs created or retained by the businesses benefitting from the SIC's support.

Location Description:

Springfield Innovation Center

Activity Progress Narrative:

Springfield Innovation Center. Construction is ongoing. The permanent certificate of occupancy was obtained within this quarter and the City anticipates large portions of the space being occupied and operating within the 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

Match Sources	Amount
Develop Springfield	\$3,874,414.00
Subtotal Match Sources	
Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	05-NDR
Activity Title:	Safe Homes Training

Activity Category: Public services	Activity Status: Under Way
Project Number: NDR-3	Project Title: NDR-Business and Job Opportunities
Projected Start Date: 10/30/2016	Projected End Date: 09/01/2018
Benefit Type: Direct (Person)	Completed Activity Actual End Date:
National Objective: Low/Mod	Responsible Organization: City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$191,716.00
Total Budget	\$0.00	\$191,716.00
Total Obligated	\$0.00	\$191,716.00
Total Funds Drawdown	\$4,995.66	\$114,112.26
Program Funds Drawdown	\$4,995.66	\$114,112.26
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$4,995.66	\$114,112.26
City of Springfield2	\$4,995.66	\$114,112.26
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Regional Employment Board of Hampden County (REB) will provide job training in the areas of home rehabilitation, lead hazard reduction, and healthy homes. The REB will operate three sessions of the Safe Homes Training Program, which will provide training to 42 low income individuals, with 34 of the individuals becoming employed.

Location Description:

City of Springfield

Activity Progress Narrative:

Safe Homes Training. The City is working on a contract amendment that will allocate the remainder of NDR funding for this project that wasn't included in their original contract and an extension of time; that will allow for additional training sessions. We anticipate this being executed within the next quarter.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Persons	0	0	0	17/25	0/17	17/42	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	



Grantee Activity Number:	06-NDR
Activity Title:	IT Workforce Program

Activity Category: Public services	Activity Status: Under Way
Project Number: NDR-3	Project Title: NDR-Business and Job Opportunities
Projected Start Date: 01/10/2017	Projected End Date: 09/01/2018
Benefit Type: Direct (Person)	Completed Activity Actual End Date:
National Objective: Low/Mod	Responsible Organization: City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$300,000.00
Total Budget	\$0.00	\$300,000.00
Total Obligated	\$0.00	\$300,000.00
Total Funds Drawdown	\$35,357.54	\$299,511.73
Program Funds Drawdown	\$35,357.54	\$299,511.73
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$35,357.54	\$299,511.73
City of Springfield2	\$35,357.54	\$299,511.73
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Tech Foundry will provide information technology training to eligible, low-income residents. The training will consist of five sessions that include classroom work and on-the-job internships. In addition to practical IT skills and badges, the training will also include soft skills development, resume writing instruction and interview skills. To measure the success of the training programs, the City and its partners will track and evaluate the following: the number of low-income residents trained and jobs obtained by low-income residents as a result of the training.

Location Description:

City of Springfield

Activity Progress Narrative:

IT Workforce Program. Final training session was completed within this quarter and the City anticipates paying out final costs within the next quarter.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

# of Persons	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
	0	0	0	18/75	0/10	18/85	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: NDR-4 / NDR-Administration and Planning

Grantee Activity Number: 07-NDR
Activity Title: Administration

Activity Category:

Administration

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall

Total Projected Budget from All Sources
 Total Budget
 Total Obligated
 Total Funds Drawdown

Oct 1 thru Dec 31, 2018

N/A
 \$0.00
 \$0.00
 \$14,124.59

To Date

\$852,844.00
 \$852,844.00
 \$852,844.00
 \$239,519.53



Program Funds Drawdown	\$14,124.59	\$239,519.53
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$14,124.59	\$239,519.53
City of Springfield2	\$14,124.59	\$239,519.53
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Administrative costs for general program oversight. Activity capped at 5% of total grant

Location Description:

City of Springfield

Activity Progress Narrative:

Administration. Expenditures for the administration of the CDBG-NDR Grant both programmatic and fiscal.

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	



Grantee Activity Number: 08-NDR
Activity Title: Planning

Activity Category:

Planning

Project Number:

NDR-4

Projected Start Date:

11/01/2011

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$147,156.00
Total Budget	\$0.00	\$147,156.00
Total Obligated	\$0.00	\$147,156.00
Total Funds Drawdown	\$0.00	\$82,037.85
Program Funds Drawdown	\$0.00	\$82,037.85
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$82,037.85
City of Springfield2	\$0.00	\$82,037.85
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Planning costs associated with the implementation of the NDR Grant. Total planning activities capped at 15% of total grant.

Location Description:

City of Springfield

Activity Progress Narrative:

Planning. Expenditures for the planning of the CDBG-NDR Grant.

Accomplishments Performance Measures

No Accomplishments Performance Measures



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	09-NDR
Activity Title:	Climate Change Action Plan

Activity Category:

Planning

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

06/30/2017

Completed Activity Actual End Date:

06/18/2018

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$222,663.00
Total Budget	\$0.00	\$222,663.00
Total Obligated	\$0.00	\$222,663.00
Total Funds Drawdown	\$28,798.25	\$218,268.63
Program Funds Drawdown	\$28,798.25	\$218,268.63
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$28,798.25	\$218,268.63
City of Springfield2	\$28,798.25	\$218,268.63
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Climate Change Action Plan. While Springfield has already completed phase 1 of a climatechange plan, the City will partner with the Pioneer Valley Planning Commission (PVPC) in 2016to complete phase 2. This will include all public outreach, stakeholder consultation, conductingand compiling all associated research and data collection, drafting the plan, incorporating allfeedback and providing final version of the plan. To measure the success of the initiatives outlined above, the City and its partners will track and evaluate the following metrics: (1) number of volunteer hours spent addressing environmental issues present in the City; and (2) number of individuals engaged and educated regarding climate change.

Location Description:

City of Springfield

Activity Progress Narrative:

Climate Change Action Plan: The plan is complete and the City continues to work towards implementation of the plan.



Accomplishments Performance Measures

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

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	



Grantee Activity Number:	10-NDR
Activity Title:	Citizen Science Initiative

Activity Category:

Planning

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$150,000.00
Total Budget	\$0.00	\$150,000.00
Total Obligated	\$0.00	\$150,000.00
Total Funds Drawdown	\$88,914.70	\$101,359.57
Program Funds Drawdown	\$88,914.70	\$101,359.57
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$88,914.70	\$101,359.57
City of Springfield2	\$88,914.70	\$101,359.57
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The City's partner ReGreen Springfield will engage the community in environmental work and educate the community about the impacts of climate change. They will engage volunteer assistance that enhances the capacity to care for trees and collect data regarding the natural world and changing environmental conditions.

Location Description:

LMI neighborhoods impacted by past weather disasters.

Activity Progress Narrative:

Citizen Science Initiative. The subrecipient has completed their initially planned training sessions. It was determined within this quarter that one additional session could be completed with the existing un-used funding would combine both the Citizen Science Initiative and the Citizen Tree Stewart. The City is working on the contract amendment and anticipates that session beginning within the next quarter and finishing no later than the end of winter 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



Grantee Activity Number:	11-NDR
Activity Title:	Citizen Tree Steward Program

Activity Category:

Planning

Activity Status:

Under Way

Project Number:

NDR-4

Project Title:

NDR-Administration and Planning

Projected Start Date:

10/30/2016

Projected End Date:

09/01/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:

National Objective:

NA

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	To Date
Total Projected Budget from All Sources	N/A	\$150,000.00
Total Budget	\$0.00	\$150,000.00
Total Obligated	\$0.00	\$150,000.00
Total Funds Drawdown	\$94,808.68	\$101,652.92
Program Funds Drawdown	\$94,808.68	\$101,652.92
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$94,808.68	\$101,652.92
City of Springfield2	\$94,808.68	\$101,652.92
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Citizen Tree Steward Program will use volunteer community residents to plant and steward trees throughout the Urban Watershed District. The Community-Based Citizen Science Initiative will engage neighborhood residents, youth, students and others in gathering scientific data related to weather, air and water quality, ecosystem services and sustainability in the Urban Watershed Resilience Zone. The project will use software and protocols developed by the U.S. Forest Service, and will enhance that agency's new urban research projects.

Location Description:

LMI neighborhoods impacted by past weather disasters.

Activity Progress Narrative:

Citizen Tree Stewart Program. The subrecipient has completed their initially planned training sessions. It was determined within this quarter that one additional session could be completed with the existing un-used funding would combine both the Citizen Science Initiative and the Citizen Tree Stewart. The City is working on the contract



amendment and anticipates that session beginning within the next quarter and finishing no later than the end of winter 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	

Project # / Title: OV-7 / OV-Outcome Values

Grantee Activity Number:	16-OV
Activity Title:	Environmental Values

Activity Category:
NDR - Environmental Value
Project Number:
OV-7
Projected Start Date:
10/30/2016
Benefit Type:
()
National Objective:
NA

Activity Status:
Under Way
Project Title:
OV-Outcome Values
Projected End Date:
09/01/2022
Completed Activity Actual End Date:

Responsible Organization:
City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Environmental Values:

of Climate Action Plans Completed

The plan is linked to Project 4 - Activity 9. The City is partnering with the Pioneer Valley Planning Commission to complete phase 2 of the plan.

% reduction in kWh used

This reduction is linked to Project 1 - Activities 1 and Activity 2. Two new sources of clean and redundant power will be introduced in the form of cogeneration for the regional hospital and hydropower for a new elementary school built to serve a community center during a disaster. This will also include a reduction in Municipal energy used.

Location Description:

City of Springfield

Activity Progress Narrative:

Environmental Values – # of Climate Action Plans Completed and % reduction in kWh used. The Climate Action Plan is complete and the City continues to work towards implementation of the plan. This activity is linked to Activity 9. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%.

This reduction is also linked to Activities 1 and 2.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of climate action plans	0	0/1
% reduction in kWh used	0	0/5

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	



Grantee Activity Number:	17-OV
Activity Title:	Economic Values

Activity Category: NDR - Economic Value	Activity Status: Under Way
Project Number: OV-7	Project Title: OV-Outcome Values
Projected Start Date: 10/30/2016	Projected End Date: 09/01/2022
Benefit Type: ()	Completed Activity Actual End Date:
National Objective: NA	Responsible Organization: City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Economic Values:

% reduction in utility costs

The Economic Value for reduction in utility costs is linked to Project 1, Activity 1 and Activity 2. Two new sources of clean and redundant power will be introduced in the form of cogeneration for the regional hospital and hydropower for a new elementary school built to serve a community center during a disaster.

% increase in business revenues for business utilizing the innovation center –

The Economic Value for the % in business revenue is linked to Project 3, Activity 6. The Springfield Innovation Center is a new business incubator. It is a catalytic project designed to jumpstart reinvestment, job creation and redevelopment activities while building a community of entrepreneurs.

Location Description:

City of Springfield



Activity Progress Narrative:

Economic Values – % reduction in utility costs and % increase in business revenue.

The Economic Value for reduction in utility costs is linked to Activity 1 and Activity 2. The Cogeneration Facility work is complete and DOER and the City have approved final payments to Baystate. The City anticipates closing this project out within the next quarter. The City has received the preliminary study and anticipates the finalized version of the use of hydropower in the beginning of February.

% increase in business revenues for business utilizing the innovation center –

The business revenue is linked to Activity 6. The Springfield Innovation Center is a new business incubator. Construction is ongoing. They believe they will obtain the Certificate of Occupancy within the next quarter.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction in utility costs	0	0/5
% increase in business revenue	0	0/5

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	



Grantee Activity Number:	18-OV
Activity Title:	Social Values

Activity Category:

NDR - Social Value

Project Number:

OV-7

Projected Start Date:

10/30/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

OV-Outcome Values

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Social Values:

of healthy homes interventions

This value is linked to Project 2 - Activity 3.

The project's inclusion of a healthy homes component responds to the significant health disparities faced by the low-income population that lives in the Urban Watershed Resilience Zone.

of people enrolled in training programs

The value is linked to Project 3 - Activity 4, 5, and 6

The City is using two strategies, job training and a new business incubator to assist low-income adults and youth to gain employment.

Location Description:

City of Springfield

Activity Progress Narrative:

Social Values – # of healthy homes interventions and # of people enrolled in training programs. The City closed the first three loans within this quarter and those projects are underway, the City anticipates construction continuing into the next quarter. The City continues to work with the remaining 15 applicants. This value is linked to Activity 3. A total of 149 people have been enrolled in training programs as of December 31, 2018. This value is linked to



Activities 4, 5, and 6.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of healthy homes interventions	0	0/80
# of people enrolled	0	0/127

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	



Grantee Activity Number:	19-OV
Activity Title:	Resilience Value

Activity Category:
NDR - Resilience Value

Project Number:
OV-7

Projected Start Date:
10/30/2016

Benefit Type:
()

National Objective:
NA

Activity Status:
Under Way

Project Title:
OV-Outcome Values

Projected End Date:
09/01/2022

Completed Activity Actual End Date:

Responsible Organization:
City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Resilience Value:
of Mitigation Plans Completed
The plan is linked to Project 5 - Activity 3.
Springfield has created a comprehensive Hazard Mitigation Plan, which incorporates projections and risk from climate change science to guide the City's disaster planning
of residential building permits
This increase is linked to Project 2 - Activity #3. Springfield will operate a Healthy Homes Rehabilitation program, which will be available for owners of 1-4 unit structures to complete rehabilitation, lead abatement, and healthy homes interventions.
% reduction in kWh used
This reduction is linked to Project 1 - Activities 1 and Activity 2. Two new sources of clean and redundant power will be introduced in the form of cogeneration for the regional hospital and hydropower for a new elementary school built to serve a community center during a disaster. This will also include a reduction in Municipal energy used.

Location Description:

City of Springfield



Activity Progress Narrative:

Resilience Values - # of Mitigation Plans Completed, # of residential building permits, and % reduction in kWh used. The Hazard Mitigation Plan was reviewed and accepted by FEMA on October 28, 2016. Residential building permits are linked to Activity 3. The City is currently working with 14 applicants. Construction should begin in the next quarter. The City committed to reducing Energy use by an additional 5%. To date the City has reduced energy by 3%. This reduction is also linked to Activities 1 and 2.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of mitigation plans completed	0	0/1
# of residential building permits	0	0/100
% reduction in kWh used	0	0/5

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: SL-6 / SL-Supporting Leverage

Grantee Activity Number: 15-SL

Activity Title: Springfield Water and Sewer Commission

Activity Category:

NDR - Supporting Leverage

Activity Status:

Under Way

Project Number:

SL-6

Project Title:

SL-Supporting Leverage

Projected Start Date:

10/30/2016

Projected End Date:

09/01/2022



Benefit Type:

()

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

NA

Responsible Organization:

City of Springfield2

Overall	Oct 1 thru Dec 31, 2018	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
City of Springfield2	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Supporting Commitment: Springfield Water and Sewer Commission Flood Protection and Stormwater-Sewer Separation. The City's flood protection work at Watershops Pond (the increased storage capacity and dam restoration/upgrade) is significantly enhanced by work that the Springfield Water and Sewer Commission (SWSC) is undertaking in the same watershed area. SWSC is separating stormwater and sewage pipes in the Upper Hill neighborhood adjacent to Watershops Pond, and in the main interceptor system which extends from the Watershops Pond dam to the Connecticut River. Both projects will incorporate larger pipes with greater carrying capacity, which will both reduce flood events and CSO discharges. SWSC is also adding additional stormwater and sewer pipe crossings from the City side under the Connecticut River to the water treatment plant, and adding an additional pump station to move water through these new crossings. This additional capacity also reduces flood risk and CSO discharge.

Location Description:

City of Springfield

Activity Progress Narrative:

Supporting Leverage – Springfield Water and Sewer total leveraged funding commitment was \$54,350,000.00. To date they have spent \$35,000,000.00 with construction ongoing. The original anticipated cost for the work was \$54,350,000. The new estimated for total cost for all projects is \$100,000,000.00.

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
SWSC	\$38,746,683.00
Total Other Funding Sources	\$0.00

