

Grantee: Springfield, MA

Grant: B-13-MS-25-0002

July 1, 2021 thru September 30, 2021 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: No QPR Contact Found
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, Healty 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 short period, it is otherwise a prototypical northeast post-indu

Executive Summary:

Springfield is a post-industrial 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 about 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:

an 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 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	\$146,840.00	\$40,397,332.72
Total Budget	\$0.00	\$17,056,880.00
Total Obligated	\$0.00	\$17,056,880.00
Total Funds Drawdown	\$599,293.52	\$10,373,156.74
Program Funds Drawdown	\$599,293.52	\$10,373,156.74
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$599,293.52	\$10,373,156.74
HUD Identified Most Impacted and Distressed	\$1,111,442.21	\$10,373,156.74
Other Funds	\$ 146,840.00	\$ 23,340,452.72
Match Funds	\$ 146,840.00	\$ 23,340,452.72
Non-Match Funds	\$ 0.00	\$ 0.00



Funds Expended

Overall	This Period	To Date
City of Springfield1	\$ 0.00	\$ 0.00
City of Springfield2	\$ 599,293.52	\$ 10,373,156.74

Other Funds:

Overall	This Period	To Date
Matching Funds	\$ 146,840.00	\$ 146,840.00
City of Springfield	\$ 146,840.00	\$ 146,840.00
Non-Matching Funds	\$ 0.00	\$ 0.00
Partners for a Healthier Community	\$ 0.00	\$ 0.00

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	64.48%	44.37%
Overall Benefit Amount	\$8,047,806.75	\$10,248,905.27	\$4,281,698.62
Minimum Supporting Leverage	\$38,746,683.00	\$38,746,683.00	\$.00
Minimum Direct Leverage	\$24,341,222.00	\$24,341,222.00	\$146,840.00
Limit on Public Services	\$2,558,532.00	\$853,112.49	\$836,785.48
Limit on Admin/Planning	\$3,411,376.00	\$1,161,266.51	\$722,131.00
Limit on Admin	\$.00	\$852,844.00	\$421,264.12
Most Impacted and Distressed	\$17,056,880.00	\$.00	\$10,373,156.74

Overall Progress Narrative:

07/01/2021-09/30/2021

Activity #1: Cogeneration Facility. This activity is closed. The completion date is 12/26/2019.

Activity #2: Solarpower.

Watershops Dam Construction is underway and progressing on schedule. The City anticipates construction continuing into the next quarter.

Solar power at Brookings School The City has received bids and awarded to Universal Electric, the low bidder. The City anticipates construction beginning in the summer when school closes for the year.

Activity #3: Healthy Homes I/m: Round one funding had a total of thirteen properties. 9 are completed and closed out, 1 is in the closeout phase and 3 are underway. Round two funding has a total of 28 properties to date. 1 is completed and closed out, 3 are in the closeout phase, 9 are under construction, 7 are in the contract signing process, 3 are in the bidding phase, 4 are in the inspection phase and one is on hold. The city continues to accept applications.

Activity #12: Healthy Homes s/b: Two properties are completed and closed and the final property is underway. It is anticipated that construction will be completed in the next quarter with close out the following quarter.

Activity #4: Springfield Innovation Center. While much in-person activity within the Innovation Center is restricted due to COVID limitations, VVM has continued virtual activities and has begun holding some in-person events. The co-working space is still closed and has been since the beginning of the COVID-19 pandemic. The City is working with the Innovation Center and VVM to re-envision a revamped use for the space that is both true to the mission of the innovation center, but that takes into consideration the new dynamics for co-working space created by the COVID-19 pandemic.

Activity #5: Safe Homes Training. All training under this program has concluded. This activity will be closed out in the next quarter.

Activity #6: IT Workforce Program. The students enrolled this past quarter have completed the training. The City is working with Tech Foundry to close out this program and anticipates that happening within the next quarter.

Activity #7: Administration. Expenditures for the adminitraion 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. This activity is closed. The Plan was completed on 06/30/2017.

Activity #10: Citizen Science Initiative. This activity is completed. 18 low/mod students obtained certificates of completion. Completed Date: 12/30/2019

Activity #11: Citizen Tree Stewart Program. This activity is completed. 30 low/mod students obtained certificates of completion. Completed Date: 12/30/2019

Activity #12: Phase 2 Climate Action Plan. This is linked to Activity# 9 and has been completed. Completed Date: 06/30/2017

Activity #13: % Reduction of Municipal Energy Use. The City committed to reducing Energy use by an additional 5%. As of December 2020 the city has reached its goal of reducing Energy use by an additional 5%. This activity is closed

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

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%. The City has reached its goal of reducing Energy use by an additional 5%. This activity is linked to Activity 13. % reduction in kWh 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 the activity is closed. The City will continue to work with Baystate on % reduction in utility costs. % increase in business revenues for business utilizing the innovation center The business revenue is linked to Activity 4.

Activity #18: Social Values # of healthy homes interventions and # of people enrolled in training programs. # of healthy homes interventions is linked to activity 3 and is ongoing. # of people enrolled in training programs is ongoing and 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 is linked to Activity 3. Construction is ongoing. The City committed to reducing Energy use by an additional 5%. The City has reached its goal of reducing Energy use by an additional 5%. % reduction in kWh is also linked to Activities 1 and 2.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
LTC-5, LTC-Long Term Commitments	\$0.00	\$0.00	\$0.00
NDR-1, NDR-Clean Redundant Energy Sources	\$416,288.25	\$10,067,500.00	\$6,234,495.67
NDR-2, NDR-Healthy Homes Rehabilitation Program	\$133,299.03	\$4,675,001.00	\$2,297,125.69
NDR-3, NDR-Business and Job Opportunities	\$12,498.88	\$894,716.00	\$861,007.89
NDR-4, NDR-Administration and Planning	\$37,207.36	\$1,422,663.00	\$980,527.49
OV-7, OV-Outcome Values	\$0.00	\$0.00	\$0.00
SL-6, SL-Supporting Leverage	\$0.00	\$0.00	\$0.00



Activities

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



Grantee Activity Number: 12-LTC

Activity Title: Phase 2-Climate Action Plan

Activity Type:

NDR - Long Term Commitment

Project Number:

LTC-5

Projected Start Date:

10/30/2016

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Completed

Project Title:

LTC-Long Term Commitments

Projected End Date:

06/30/2017

Completed Activity Actual End Date:

06/30/2017

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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. Completed Date 6/30/2017

Accomplishments Performance Measures

No Accomplishments Performance Measures



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None

Grantee Activity Number: 13-LTC

Activity Title: % Reduction of Municipal Energy Use

Activity Type:

NDR - Long Term Commitment

Project Number:

LTC-5

Projected Start Date:

10/30/2016

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Completed

Project Title:

LTC-Long Term Commitments

Projected End Date:

01/31/2017

Completed Activity Actual End Date:

12/31/2020

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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%. As of December 2020, the City has reached its goal of reducing Energy use by an additional 5%. This activity is closed.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None

Grantee Activity Number: 14-LTC

Activity Title: Complete Hazard Mitigation Plan

Activity Type:

NDR - Long Term Commitment

Project Number:

LTC-5

Projected Start Date:

10/30/2016

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Completed

Project Title:

LTC-Long Term Commitments

Projected End Date:

01/31/2017

Completed Activity Actual End Date:

10/28/2016

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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. This activity is closed.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / NDR-1 / NDR-Clean Redundant Energy Sources

Grantee Activity Number: 01-NDR

Activity Title: Cogeneration Facility

Activity Type:

Acquisition, construction, reconstruction of public facilities

Project Number:

NDR-1

Projected Start Date:

11/29/2016

Benefit Type:

Area (Survey)

National Objective:

Urgent Need

Activity Status:

Completed

Project Title:

NDR-Clean Redundant Energy Sources

Projected End Date:

12/30/2018

Completed Activity Actual End Date:

12/26/2019

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$5,086,708.22
Total Budget	\$0.00	\$5,086,708.22
Total Obligated	\$0.00	\$5,086,708.22
Total Funds Drawdown	\$0.00	\$5,086,708.22
Program Funds Drawdown	\$0.00	\$5,086,708.22
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,086,708.22
City of Springfield2	\$0.00	\$5,086,708.22
Most Impacted and Distressed Expended	\$0.00	\$5,086,708.22

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:

This activity is closed. The completion date is 12/26/2019.

Accomplishments Performance Measures

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

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

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

Activity Supporting Documents: None

Grantee Activity Number: 02-NDR

Activity Title: Solar/Hydropower

Activity Type:

Acquisition, construction, reconstruction of public facilities

Project Number:

NDR-1

Projected Start Date:

10/29/2016

Benefit Type:

Area (Survey)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR-Clean Redundant Energy Sources

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$4,980,791.78
Total Budget	\$0.00	\$4,980,791.78
Total Obligated	\$0.00	\$4,980,791.78
Total Funds Drawdown	\$416,288.25	\$1,147,787.45
Program Funds Drawdown	\$416,288.25	\$1,147,787.45
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$416,288.25	\$1,147,787.45
City of Springfield2	\$416,288.25	\$1,147,787.45
Most Impacted and Distressed Expended	\$423,311.25	\$1,147,787.45

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.

Approved Modification of Activity - Approved August 19, 2019

Replace Hydropower with Solar

In response to the unforeseen challenges with the original proposal, the City proposes that the clean and redundant energy portion of the project be changed from hydropower to solar. This modification would still include restoration/hardening for the dam at Watershops Pond, but would substitute construction of a photovoltaic (PV) and energy storage system at the Brookings Elementary School for the original hydropower portion of the project.

The energy component of the modified project would incorporate installation of PV systems and energy storage at Brookings School. PV panels would be mounted on the school roof and atop a carport on the site of the school, with an on-site battery storage system. The system would be owned and operated by the City and would provide ongoing energy to Brookings School. With the on-site battery storage, the system would enable the school to have energy even if utility lines are down.

The City would procure a contractor for the purchase and installation of the PV and energy storage system.

The modification of the project from hydropower to solar preserves the benefits of the original project, which were: creation of clean and redundant energy; power to the Brookings School, even when the grid or utility lines are down; and repair of the Watershops Pond dam to protect the low-income neighborhood located below

the dam.

Location Description:

1 Allen Street
Census Tract: 8023
Block Group: 1

Activity Progress Narrative:

Watershops Dam - Construction is underway and progressing on schedule. The City anticipates construction continuing into the next quarter.
Solar power at Brookings School - the city has received bids and awarded to Universal Electric, the low bidder. The City anticipates construction beginning in the summer when school closes for the year.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Springfield	\$1,000,000.00
Subtotal Match Sources	

Activity Supporting Documents: None

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



Grantee Activity Number: 012-NDR

Activity Title: Housing Rehabilitation - S/B

Activity Type:

Rehabilitation/reconstruction of residential structures

Project Number:

NDR-2

Projected Start Date:

10/13/2016

Benefit Type:

Direct (HouseHold)

National Objective:

Slums and Blight

Activity Status:

Under Way

Project Title:

NDR-Healthy Homes Rehabilitation Program

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield1

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$260,000.00
Total Budget	\$0.00	\$260,000.00
Total Obligated	\$0.00	\$260,000.00
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 Springfield1	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$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:

Two properties are completed and closed and the final property is underway. It is anticipated that construction will be completed in the next quarter with close out in the following quarter.



Accomplishments Performance Measures

	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Housing Units	2		2/3	
# of Singlefamily Units	2		2/3	

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Households	0	0	2	0/0	0/0	2/0	0.00
# Owner	0	0	2	0/0	0/0	2/0	0.00
# Renter	0	0	0	0/0	0/0	0/0	0

Activity Locations

Address	City	County	State	Zip	Status / Accept
154 Florence Street	Springfield		Massachusetts	01105	Match / Y
48 Madison Avenue	Springfield		Massachusetts	01105	Match / Y

Address Support Information

Address: 154 Florence Street, Springfield, Massachusetts 01105

Property Status: Completed
Affordability Start Date: 11/19/2019
Affordability End Date: 11/19/2024

Description of Affordability Strategy:

Recapture

Activity Type for End Use: Rehabilitation/reconstruction of residential
Projected Disposition Date: 11/19/2019
Actual Disposition Date: 11/19/2019

National Objective for End Use: Slums and Blight
Date National Objective is met: 11/19/2019
Deadline Date: 11/19/2019

Description of End Use:

Existing owner-occupied home renovation to full code compliance including lead paint abatement

Address: 48 Madison Avenue, Springfield, Massachusetts 01105

Property Status: Completed
Affordability Start Date: 01/17/2020
Affordability End Date: 01/17/2025

Description of Affordability Strategy:

Recapture

Activity Type for End Use: Rehabilitation/reconstruction of residential
Projected Disposition Date: 01/17/2020
Actual Disposition Date: 01/17/2020

National Objective for End Use: Slums and Blight
Date National Objective is met: 01/17/2020
Deadline Date: 01/17/2020

Description of End Use:

Existing owner-occupied home renovation to full code compliance including lead paint abatement

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Subtotal Match Sources	



City of Springfield

\$101,690.00

Subtotal Match Sources

Activity Supporting Documents:

None



Grantee Activity Number: 03-NDR

Activity Title: Housing Rehabilitation

Activity Type:

Rehabilitation/reconstruction of residential structures

Project Number:

NDR-2

Projected Start Date:

12/31/2016

Benefit Type:

Direct (HouseHold)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR-Healthy Homes Rehabilitation Program

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$4,415,001.00
Total Budget	\$0.00	\$4,415,001.00
Total Obligated	\$0.00	\$4,415,001.00
Total Funds Drawdown	\$133,299.03	\$2,297,125.69
Program Funds Drawdown	\$133,299.03	\$2,297,125.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$133,299.03	\$2,297,125.69
City of Springfield2	\$133,299.03	\$2,297,125.69
Most Impacted and Distressed Expended	\$522,321.67	\$2,297,125.69

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 - low/mod: Round 1 funding has a total of thirteen properties. 9 are completed and closed out, 1 is in the close out phase and 3 are underway. Round 2 funding has a total of 28 properties to date. 1 is complete and closed out, 3 are in the closeout phase, 9 are under construction, 7 are in the contract signing process, 3 are in the bidding phase, 4 are in the inspection phase and 1 is on hold. The city continues to accept applications.

Accomplishments Performance Measures

	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Elevated Structures	0		0/0	
# of Properties	7		10/100	
# of Substantially Rehabilitated	7		10/75	

	This Report Period		Cumulative Actual Total / Expected	
	Total		Total	
# of Housing Units	14		18/100	
# of Multifamily Units	14		15/60	
# of Singlefamily Units	0		3/40	

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Households	0	7	14	4/60	7/40	18/100	61.11
# Owner	-3	6	5	1/10	6/10	9/20	77.78
# Renter	3	1	9	3/50	1/30	9/80	44.44

Activity Locations

Address	City	County	State	Zip	Status / Accept
11-13 Spruce Street	Springfield		Massachusetts	01105	Match / Y
155 Florence Street	Springfield		Massachusetts	01105	Match / Y
1663 Dwight Street	Springfield		Massachusetts	01107	Match / Y
20-22 Florence Street	Springfield		Massachusetts	01105	Match / Y
34 Ashley Street	Springfield		Massachusetts	01105	Match / Y
43 Dorne Street	Springfield		Massachusetts	01105	Match / Y
50 Dexter Street	Springfield		Massachusetts	01105	Match / Y
55 Harriet Street	Springfield		Massachusetts	01107	Match / Y
55-57 Dexter Street	Springfield		Massachusetts	01105	Match / Y
58 Bancroft Street	Springfield		Massachusetts	01107	Match / Y



Address Support Information

Address: 11-13 Spruce Street, Springfield, Massachusetts 01105

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	11/27/2019	11/27/2024

Description of Affordability Strategy:

Recapture

Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	11/27/2019	11/27/2029

National Objective for End Use:	Date National Objective is met:	Deadline Date:
Low/Mod	11/27/2019	11/27/2019

Description of End Use:

Existing owner-occupied home renovation to full code compliance including lead paint abatement

Address: 155 Florence Street, Springfield, Massachusetts 01105

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	10/23/2019	10/23/2024

Description of Affordability Strategy:

Recapture

Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	10/23/2019	10/23/2019

National Objective for End Use:	Date National Objective is met:	Deadline Date:
Low/Mod	10/23/2019	10/23/2019

Description of End Use:

Existing owner-occupied home renovation to full code compliance including lead paint abatement.

Address: 1663 Dwight Street, Springfield, Massachusetts 01107

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	06/07/2019	06/07/2024

Description of Affordability Strategy:

Recapture

Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	06/07/2019	06/07/2019

National Objective for End Use:	Date National Objective is met:	Deadline Date:
Low/Mod	06/07/2019	06/07/2019

Description of End Use:

owner-occupied renovation to full code compliance including lead paint abatement

Address: 20-22 Florence Street, Springfield, Massachusetts 01105

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	11/20/2019	11/20/2024

Description of Affordability Strategy:

Recapture

Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	11/20/2019	11/20/2019

National Objective for End Use:	Date National Objective is met:	Deadline Date:
	11/20/2019	11/20/2019

Description of End Use:

Owner-occupied renovation to full code compliance including lead paint abatement



Address: 34 Ashley Street, Springfield, Massachusetts 01105

Property Status: Completed	Affordability Start Date: 04/23/2020	Affordability End Date: 04/23/2025
Description of Affordability Strategy: Recapture		
Activity Type for End Use: Rehabilitation/reconstruction of residential	Projected Disposition Date: 04/23/2020	Actual Disposition Date: 04/23/2020
National Objective for End Use: Low/Mod	Date National Objective is met: 04/23/2020	Deadline Date: 04/23/2020
Description of End Use: Existing owner-occupied home renovation to full code compliance including lead paint abatement		

Address: 43 Dorne Street, Springfield, Massachusetts 01105

Property Status: Completed	Affordability Start Date: 05/10/2019	Affordability End Date: 05/10/2024
Description of Affordability Strategy: Recapture		
Activity Type for End Use: Rehabilitation/reconstruction of residential	Projected Disposition Date: 05/10/2019	Actual Disposition Date: 05/10/2019
National Objective for End Use: Low/Mod	Date National Objective is met: 05/10/2019	Deadline Date: 05/10/2019
Description of End Use: Existing owner occupied renovation to full code compliance including lead paint abatement.		

Address: 50 Dexter Street, Springfield, Massachusetts 01105

Property Status: Completed	Affordability Start Date: 05/14/2019	Affordability End Date: 05/14/2024
Description of Affordability Strategy: Recapture		
Activity Type for End Use: Rehabilitation/reconstruction of residential	Projected Disposition Date: 05/14/2019	Actual Disposition Date: 05/14/2019
National Objective for End Use: Low/Mod	Date National Objective is met: 05/14/2019	Deadline Date: 05/14/2019
Description of End Use: Existing owner-occupied home renovation to full code compliance including lead paint abatement		

Address: 55 Harriet Street, Springfield, Massachusetts 01107

Property Status: Completed	Affordability Start Date: 09/12/2019	Affordability End Date: 09/12/2029
Description of Affordability Strategy: Recapture		
Activity Type for End Use: Rehabilitation/reconstruction of residential	Projected Disposition Date: 09/12/2019	Actual Disposition Date: 09/12/2019
National Objective for End Use: Low/Mod	Date National Objective is met: 09/12/2019	Deadline Date: 09/12/2019
Description of End Use: Rental property renovation to full code compliance including lead paint abatement		



Address: 55-57 Dexter Street, Springfield, Massachusetts 01105

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	11/14/2019	11/14/2024
Description of Affordability Strategy:		
Recapture		
Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	11/14/2019	11/14/2019
National Objective for End Use:	Date National Objective is met:	Deadline Date:
Low/Mod	11/14/2019	11/14/2019
Description of End Use:		
Existing owner occupied renovations to full code compliance including lead paint abatement.		

Address: 58 Bancroft Street, Springfield, Massachusetts 01107

Property Status:	Affordability Start Date:	Affordability End Date:
Completed	11/14/2019	11/14/2024
Description of Affordability Strategy:		
Recapture		
Activity Type for End Use:	Projected Disposition Date:	Actual Disposition Date:
Rehabilitation/reconstruction of residential	11/14/2019	11/14/2019
National Objective for End Use:	Date National Objective is met:	Deadline Date:
Low/Mod	11/14/2019	11/14/2019
Description of End Use:		
Existing owner-occupied home renovation to full code compliance including lead paint abatement.		

Other Funding Sources	Amount
Partners for a Healthier Community	\$367,065.00
Total Other Funding Sources	\$0.00

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Springfield	\$398,310.00
Subtotal Match Sources	\$0.00

Activity Supporting Documents: None

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



Grantee Activity Number: 04-NDR

Activity Title: Springfield Innovation Center

Activity Type:

Econ. development or recovery activity that creates/retains

Project Number:

NDR-3

Projected Start Date:

01/10/2017

Benefit Type:

Direct (Person)

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

NDR-Business and Job Opportunities

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$300,000.00
Total Budget	\$0.00	\$300,000.00
Total Obligated	\$0.00	\$300,000.00
Total Funds Drawdown	\$0.00	\$282,618.90
Program Funds Drawdown	\$0.00	\$282,618.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$282,618.90
City of Springfield2	\$0.00	\$282,618.90
Most Impacted and Distressed Expended	\$65,944.41	\$282,618.90

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. Modification of Scope: Develop Springfield initially sought to incorporate an Innovation Cafe as part of the Innovation Center development. However, after working with the interested operator for many months, the parties have been unable to execute a lease agreement for the cafe.

DevelopSpringfield will be leasing the space to Berkshire Bank. Berkshire Bank will be partnering with Valley Venture Mentors to establish the space for emerging retail businesses as pop-up shops. It is anticipated that approximately 4-5 pop-ups will operate out of the space simultaneously and the pop-up business will be refreshed on a regular basis. VVM will provide the pipeline of retail entrepreneurs. During the time the business occupies the space they will not be paying rent. The demographic focus of the business mentoring is minority entrepreneurs. Additionally, Berkshire Bank will utilize a portion of the space to provide on-site "my bankers" from existing staff that will provide financial technical support and financial literacy to VVM associated businesses.

Location Description:

Springfield Innovation Center

Activity Progress Narrative:

Springfield Innovation Center - While much in-person activity within the Innovation Center is restricted due to COVID limitations, VVM has continued virtual activities and has begun holding some in-person events. The co-working space is still closed and has been since the beginning of the COVID-19 pandemic. The City is working with the Innovation Center and VVM to re-envision a revamped use for the space that is both true to the mission of the innovation center, but that takes into consideration the new dynamics for co-working space created by the COVID-19 pandemic.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Businesses	0	21/50

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Develop Springfield	\$3,874,414.00
Subtotal Match Sources	

Activity Supporting Documents: None

Grantee Activity Number: 05-NDR

Activity Title: Safe Homes Training

Activity Type:

Public services

Project Number:

NDR-3

Projected Start Date:

10/29/2016

Benefit Type:

Direct (Person)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR-Business and Job Opportunities

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$194,716.00
Total Budget	\$0.00	\$194,716.00
Total Obligated	\$0.00	\$194,716.00
Total Funds Drawdown	\$0.00	\$191,986.89
Program Funds Drawdown	\$0.00	\$191,986.89
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$191,986.89
City of Springfield2	\$0.00	\$191,986.89
Most Impacted and Distressed Expended	\$1,467.99	\$191,986.89

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. All training under this program has concluded. The activity will be closed out in 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	36/25	0/17	36/42	100.00

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: 06-NDR

Activity Title: IT Workforce Program

Activity Type:

Public services

Project Number:

NDR-3

Projected Start Date:

01/10/2017

Benefit Type:

Direct (Person)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR-Business and Job Opportunities

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$400,000.00
Total Budget	\$0.00	\$400,000.00
Total Obligated	\$0.00	\$400,000.00
Total Funds Drawdown	\$12,498.88	\$386,402.10
Program Funds Drawdown	\$12,498.88	\$386,402.10
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$12,498.88	\$386,402.10
City of Springfield2	\$12,498.88	\$386,402.10
Most Impacted and Distressed Expended	\$40,200.09	\$386,402.10

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. The students enrolled this past quarter have completed the training. The City is working with Tech Foundry to close out this program and anticipates that happening 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

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / NDR-4 / NDR-Administration and Planning

Grantee Activity Number: 07-NDR

Activity Title: Administration

Activity Type:

Administration

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$852,844.00
Total Budget	\$0.00	\$852,844.00
Total Obligated	\$0.00	\$852,844.00
Total Funds Drawdown	\$37,207.36	\$421,264.12
Program Funds Drawdown	\$37,207.36	\$421,264.12
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$37,207.36	\$421,264.12
City of Springfield2	\$37,207.36	\$421,264.12
Most Impacted and Distressed Expended	\$58,196.80	\$421,264.12

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

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: 08-NDR

Activity Title: Planning

Activity Type:

Planning

Project Number:

NDR-4

Projected Start Date:

10/31/2011

Benefit Type:

Area (Survey)

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR-Administration and Planning

Projected End Date:

09/30/2023

Completed Activity Actual End Date:

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$90,153.88
Total Budget	\$0.00	\$90,153.88
Total Obligated	\$0.00	\$90,153.88
Total Funds Drawdown	\$0.00	\$82,598.25
Program Funds Drawdown	\$0.00	\$82,598.25
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$82,598.25
City of Springfield2	\$0.00	\$82,598.25
Most Impacted and Distressed Expended	\$0.00	\$82,598.25

Activity Description:

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

Location Description:

Clty 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

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: 09-NDR

Activity Title: Climate Change Action Plan

Activity Type:

Planning

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

Area (Survey)

National Objective:

NA

Activity Status:

Completed

Project Title:

NDR-Administration and Planning

Projected End Date:

06/30/2017

Completed Activity Actual End Date:

06/30/2017

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$218,268.63
Total Budget	\$0.00	\$218,268.63
Total Obligated	\$0.00	\$218,268.63
Total Funds Drawdown	\$0.00	\$218,268.63
Program Funds Drawdown	\$0.00	\$218,268.63
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$218,268.63
City of Springfield2	\$0.00	\$218,268.63
Most Impacted and Distressed Expended	\$0.00	\$218,268.63

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. This activity is closed. The plan was completed on 6/30/2017

Accomplishments Performance Measures

**This Report Period
Total**

**Cumulative Actual Total / Expected
Total**



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: 10-NDR

Activity Title: Citizen Science Initiative

Activity Type:

Public services

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

Area (Survey)

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

NDR-Administration and Planning

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

12/30/2019

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$130,180.69
Total Budget	\$0.00	\$130,180.69
Total Obligated	\$0.00	\$130,180.69
Total Funds Drawdown	\$0.00	\$130,180.69
Program Funds Drawdown	\$0.00	\$130,180.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$130,180.69
City of Springfield2	\$0.00	\$130,180.69
Most Impacted and Distressed Expended	\$0.00	\$130,180.69

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:

This activity is completed. 18 low/mod students obtained certificates of completion. Completed date: 12/30/2019.

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%
	18	0	18	18/0	0/0	18/0	100.00

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: 11-NDR

Activity Title: Citizen Tree Steward Program

Activity Type:

Public services

Project Number:

NDR-4

Projected Start Date:

10/30/2016

Benefit Type:

Area (Survey)

National Objective:

Low/Mod

Activity Status:

Completed

Project Title:

NDR-Administration and Planning

Projected End Date:

09/01/2022

Completed Activity Actual End Date:

12/30/2019

Responsible Organization:

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$128,215.80
Total Budget	\$0.00	\$128,215.80
Total Obligated	\$0.00	\$128,215.80
Total Funds Drawdown	\$0.00	\$128,215.80
Program Funds Drawdown	\$0.00	\$128,215.80
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$128,215.80
City of Springfield2	\$0.00	\$128,215.80
Most Impacted and Distressed Expended	\$0.00	\$128,215.80

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:

This activity is completed. 30 low/mod students obtained certificates of completion. Completed date 12/30/2019



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%
	30	0	30	30/0	0/0	30/0	100.00

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / **OV-7 / OV-Outcome Values**

Grantee Activity Number: 16-OV

Activity Title: Environmental Values

Activity Type:

NDR - Environmental Value

Project Number:

OV-7

Projected Start Date:

10/30/2016

Benefit Type:

N/A

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	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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 % of reduction in kWh used. The Climate Action Plan is complete and the City continues to work toward implementation of the plan. This activity is linked to Activity 9. The City committed to reducing Energy use by an additional 5%. the City has reached its goal of reducing use by an additional 5%. This activity is linked to Activity 13. % reduction in kWh 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	1/1
% reduction in kWh used	2	5/5

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: 17-OV

Activity Title: Economic Values

Activity Type:
NDR - Economic Value

Project Number:
OV-7

Projected Start Date:
10/30/2016

Benefit Type:
N/A

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	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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 Activities 1 and 2. The Cogeneration Facility work is complete and the activity is closed. The City will continue to work with Baystate on % reduction in utility costs. % increase in business revenue is linked to activity 4.

Accomplishments Performance Measures

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

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: 18-OV

Activity Title: Social Values

Activity Type:

NDR - Social Value

Project Number:

OV-7

Projected Start Date:

10/30/2016

Benefit Type:

N/A

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	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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. This value is linked to Activities 4, 5, and 6. # of healthy homes interventions is linked to activity 3 and is ongoing. # of people in training programs is ongoing and is linked to Activities 4, 5, and 6.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of healthy homes	0	17/80
# of people enrolled	0	54/127

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: 19-OV

Activity Title: Resilience Value

Activity Type:

NDR - Resilience Value

Project Number:

OV-7

Projected Start Date:

10/30/2016

Benefit Type:

N/A

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	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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 is linked to Activity 3. Construction is ongoing. The City committed to reducing Energy use by an additional 5%. The City has reached its goal of reducing Energy use by an additional 5%. % reduction in kWh 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	1/1
# of residential building permits	0	0/100
% reduction in kWh used	2	5/5

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / SL-6 / SL-Supporting Leverage



Grantee Activity Number: 15-SL

Activity Title: Springfield Water and Sewer Commission

Activity Type:

NDR - Supporting Leverage

Project Number:

SL-6

Projected Start Date:

10/30/2016

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

SL-Supporting Leverage

Projected End Date:

09/01/2022

Completed Activity Actual End Date:**Responsible Organization:**

City of Springfield2

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$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

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:

Springfield Water and Sewer total leveraged funding commitment was \$54,350,000.00. To date they have spend \$35,000,000.00 with construction on-going. The original anticipated cost for the work was \$54,350,000.00. The new estimate for the 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

SWSC

Amount

\$38,746,683.00

Total Other Funding Sources

\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None

