

Subapplicant information

Name of federal agency **FEMA**
 Type of submission **Application**

TOWN OF JONESVILLE

1503 NC HIGHWAY 67
 JONESVILLE, NC 28642 United States

State	DUNS #	EIN #
NC	049911647	566001254

Subapplicant type **Local Government**
 Is the subapplicant subject to review by Executive Order 12372 Process? **No - Not selected**
 Is the subapplicant delinquent on any federal debt? **No**

Contact information

Subrecipient Authorized Representative (SAR)

Michael Pardue	Primary phone	Mailing address
mpardue@townofjonesvillenc.com		

Point(s) of contact

Michael Pardue Town Manager	Primary phone 3368353426 Work	Additional phones 3369275983 Mobile	Mailing address 1503 NC Hwy 67 Jonesville NC 28642
mpardue@townofjonesvillenc.com	Fax		

Community

Please provide the following information. If the Congressional district number for your community does not display correctly, please contact your State NFIP coordinator.

Add Communities

Please find the community(ies) that will benefit from this mitigation activity by clicking on the Find communities button. If needed, modify the Congressional District number for each community by entering the updated number under the U.S. Congressional District column for that community. When finished, click the Continue button. NOTE: You should also notify your State NFIP coordinator so that the updated U.S. Congressional District number can be updated in the Community Information System (CIS) database.

Community name	County code	CID number	CRS community	CRS rating	U.S. Congressional District
JONESVILLE, TOWN OF	197	370260	N		2,8

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Jonesville_LMI_FY2018_PopulationImpacted.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Community Attachments	Map showing Low-Moderate income areas in Jonesville	
Jonesville_PerMinority_FY2018_PopulationImpacted.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Community Attachments	Ethnic demographics for Jonesville	
Jonesville_BaseMap_Location_8.5x11.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Community Attachments	Location Map of Yadkin County NC, Jonesville	

Mitigation plan

Please provide your plan information below.

Is the entity that will benefit from the proposed activity covered by the current FEMA approved multi-hazard mitigation plan in compliance with 44 CFR Part 201? **Yes**

Please provide plan detail

Plan name NORTHERN PIEDMONT REGIONAL HAZARD MITIGATION PLAN	Plan type Local Multijurisdictional Multi-Hazard Mitigation Plan	Plan approval date 08/17/2020
Proposed activity description Approved by the Town Council		

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
20200701_NPiedmont_RHMP_FINAL_(2).pdf	11/18/2022	mpardue@townofjonesvillenc.com	Mitigation Plan Attachments	Northern Piedmont Regional Hazard Mitigation Plan	

Scope of work

The project Scope of Work (SOW) identifies the eligible activity, describes what will be accomplished and explains how the mitigation activity will be implemented. The mitigation activity must be described in sufficient detail to verify the cost estimate. All activities for which funding is requested must be identified in the SOW prior to the close of the application period. FEMA has different requirements for project, planning and management cost SOWs.

Subapplication title (include type of activity and location)

Upper Yadkin River Floodplain Resiliency Initiative for Jonesville

Activities

Primary activity type

Stabilization and restoration

Primary sub-activity type

Shoreline and/or bank stabilization

Primary sub-activity type

Shoreline and/or bank stabilization

Secondary activity type (Optional)

Flood control

Secondary sub-activity type

Floodplain and stream restoration

Tertiary activity type (Optional)

Education and awareness

Tertiary sub-activity type

Brochures, workshops, videos, etc.

Geographic areas description

The Town of Jonesville is located on the border of Yadkin and Surry County, North Carolina, in the Foothills region of the state, in Yadkin Valley. The Yadkin River splits the Towns of Jonesville and Elkin. The Yadkin River, NC's second largest river system in the state, flows along the Jonesville's northern border heading east. The Town has two commercial corridors – one along US Highway 21 running north/south and the other along NC Highway 67 running east/west through Jonesville. Commercial growth has shifted in the past couple decades to the NC Highway 67 corridor near Interstate Highway 77. The project activities are proposed to take place on property that is already owned and managed by the Town of Jonesville. Lat/Long for greenway trail – -80.821/36.250 – Yadkin River at I-77

Community lifelines

Primary community lifeline

Safety and security

Primary sub-community lifeline

Community safety

Secondary community lifeline (optional)

Transportation

Secondary sub-community lifeline

Highway/roadway/motor vehicle

Tertiary community lifeline (optional)

Food, water, shelter

Tertiary sub-community lifeline

Agriculture

Hazard sources

Primary hazard source

Flooding

Secondary hazard source (optional)

Severe storm

Tertiary hazard source (optional)

Is this a phased project?

Yes

Are you doing construction in this project?

Yes

Percentage of population impacted

100

Provide detailed description of population impacted

Every citizen of Jonesville as well as members of the surrounding community will benefit from the proposed stream restoration project that will protect the Town's greenway trails from repetitive flooding. The community park will encourage outdoor recreational activity that is vital to the health and overall wellbeing of everyone. A vital lifeline for a community is the health and fitness of our citizenry. Jonesville's Low to Moderate Income (LMI) is 70.41% with the Town-wide annual median household income at \$23,646 or \$1,970 monthly. Our population falls well below the national average for household income, so providing outdoor recreation opportunity is vital to their health.

Provide a clear and detailed description of your proposed activity

Streambank protection, habitat improvement and management through use of nature-based stabilization and restoration practices along 21,140 linear feet of

How will the mitigation activity be implemented?

the Yadkin River and 6,084 linear feet of four tributaries, with corresponding native riparian buffer corridor. Improvements in recreational and access opportunities of the Jonesville Greenway Trail of 2 miles, with public amenities for increased use of trail for health and wellness along with emergency access for search and rescue operations.

This project will be implemented through the use of nature-based, bio-engineering solutions to address the stream and river restoration components. The Jonesville Greenway Trail will incorporate recreational space and amenities for the benefit of the communities' economic, societal and wellness improvements along with being able to provide enhanced river security and access. Jonesville will collaborate with qualified technical and professional staff to finalize engineering designs appropriate for the river systems and for greenway/recreational development. Once designs are completed, reviewed and permitted the construction activities will commence, again utilizing qualified contractors best matched to implement the various components.

Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Please include engineering design parameters and references to the following: preliminary schematic or engineering drawings/design; applicable building codes; engineering practices and/or best practices; level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.):

This project is technically feasible and accomplishable through the implementation of a combination of practices and applications along the Yadkin River, corresponding tributaries, along the Greenway, all on properties owned and managed by the Town of Jonesville. This Plan serves as a clear guideline for stream restoration, trail planning and development, mountain bike trail planning and development, providing a framework for local governments and project partners to create a connected system of cross county trails and protecting long-term, the adjacent riverbanks. Streambank protective measures will be applied that will stabilize and protect the bank of natural streams. This will accomplish the following purposes: To prevent the loss of land or damage to land uses, or facilities adjacent to the banks of streams or constructed channels, shoreline of lakes, reservoirs, or estuaries including the protection of known historical, archeological, and traditional cultural properties. To maintain the flow capacity of Yadkin River and associated tributaries. To reduce the offsite or downstream effects of sediment resulting from bank erosion. And to improve or enhance the stream corridor for fish and wildlife habitat, aesthetics, recreation, and access. The restoration activities will reconnect the floodplain to the River allowing for reduced volumes, and velocities accounting for the 25-year storm events. Approximately 21,140 linear feet of the Yadkin River and 6,084 linear feet of the four tributary creek systems will benefit from a combination of bio-engineering practices (use of natural, woody, trees, shrubs and native seedings) coupled with the strength and stability of large, natural boulders and rocks strategically placed along the streambanks for restoration. Natural stream channel design and engineering parameters will be implemented. Stream habitat improvement and management will improve, restore, or maintain the ecological functions of a stream and its adjacent floodplain and riparian area. This will be accomplishing the following purpose: to improve or manage stream habitat by evaluating and addressing factors that impair stream function and structure. Riparian buffer corridors will be re-established during the design and implementation phases. Native habitat restoration recommends the establishment of 680 stems per acre be installed of woody, trees and shrubs and 10,800 stems per acre of live stakes will be established along the river and creek slopes all providing strength and stability for up to the 25-year flood protection. There is no other single type of investment that can be made on a local and regional scale that provides such a wide range of positive impacts. Greenways improve quality of life by providing opportunities for transportation, recreation, public health, economic development, and environmental stewardship. This plan was developed with input from stream restoration professionals, engineers, town staff, members of the Town Council & TDA as well as members of the community and our local trails association. The plan identifies approximately 4 miles of proposed streambank restoration as well as 2.0 miles of greenway trails to be built with a projected total annual economic impact of \$5M.

Who will manage and complete the mitigation activity?

The Town of Jonesville staff lead by Town Manager will provide oversight for project in collaboration with an administrative partner such as a Council of Government to assist with tracking, documentation, reporting, etc in alignment with federal standards and requirements. Proper procurement protocols will be followed to secure high qualified and skilled engineers with skill sets for stream and greenway development. Appropriate contractors will be properly advertised and secured to implement approved design and permitted activities.

Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?

Yes, this project will address the identified hazards. Through the implementation of streambank protection, stream habitat improvement and

management, greenway trails and amenities. Project components planned for the 25-year storm event knowing that flooding will occur during higher storm events, the goal of the project is to reduce damage to the streambanks, and bed and floodplain. Engineered natural stream channel design accounts for floodplain connections to reduce velocity and to hold volumes of water.

Does the mitigation activity incorporate nature-based solutions?

Yes

When will the mitigation activity take place?

Mitigation activities will occur in a 36-month layout working with contractors to implement practices based on seasonal constraints.

Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?

It is noted in the 2015 Elkin & Jonesville Water Supply Protection Plan, "Sediment is the leading source of water pollution in both the United States and North Carolina and is a major contributor to the degradation of waters in the Yadkin River and Big Elkin Creek. Sediment comes from many sources: agricultural fields, construction sites and eroded stream banks are a few of the contributors the watershed study area." The best approach to address excessive erosion, sedimentation, poor aquatic habitat and lack of safe river access is to implement streambank protection, stream habitat improvement and management and provide walkable areas. Alternatives considered are: do nothing and let the river and stream systems continue eroding, and undermining streambanks and trails, degrading habitat and water quality and reducing any economic opportunities for improved health, wellness and safety. Other alternatives are to implement smaller scaled stream corridor protection measures that may or may not survive after large, hurricane events thus leaving the greenway and streambank exposed to further degradation. This is considered the best proposed activity that will prevent land loss or damage to land uses adjacent to streams; improve stream function and format; protects historical, cultural attributes, maintains velocity and capacity of waterways, improves stream corridors for fish and wildlife habitat, aesthetics and recreation.

Please identify the entity that will perform any long-term maintenance and provide a maintenance, schedule and cost information. The subapplicant or owner of the area to be mitigated is responsible for maintenance (including costs of long-term care) after the project is completed?

The Town of Jonesville, through its Annual Budget process, will provide funding to maintain the parks/trail system. Staff & equipment will be provided in a collaborative effort between the Town and the TDA. Annual budgets will be prepared for routine maintenance and upkeep of the affected area. Non-profits and volunteer will be used to the fullest extent to provide maximum cost to benefit in order to maintain our parks/trail system. The Jonesville Trails Association (JTA) will be an integral partner in securing funding and volunteers to assist with needed work. It is estimated to require an annual amount of \$25,000 for maintenance. The Town of Jonesville Department of Public Works, as directed by the Town Manager and Water Resources Director, will monitor and maintain the greenway corridor, park and corresponding amenities. Regular seasonal maintenance work includes mowing and wear and tear in the area of and on the Jonesville Greenway Trail. They will work with partner trail organizations (Jonesville Trails Association, Boy Scouts of America, Yadkin Valley Cycling Club, and Elkin Valley Trails Association, etc.) as needed for community clean-up days or events and will be available if and when larger storm events affect the area/trail. Maintenance will be addressed as swiftly as resources are available. If larger maintenance or issues arise the Town Manager will review with Town Council for support to address. Stream practices will be monitored once they are installed throughout the remainder of the active grant agreement. The stream engineer and contractor will address any failures that occurred if and when necessary, during that timeframe. The Town of Jonesville Manager and Council will need to initiate an arrangement with the contracting engineering firm to perform yearly inspections for the 1st five years to make sure the installed practices are holding in place and are secure. This will be further reviewed during the grant and contracting process with the professionals.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Jonesville Greenway Trail Damages.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Photo documentation of affects of	

Filename	Date uploaded	Uploaded by	Label	Description	Action
				hurricanes and flooding on Yadkin River, Greenway, facilities	
Jonesville_UpperYadkinRiver_StreamRestoration_Examples(1).pdf	11/18/2022	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Upper Yadkin Stream Restoration Examples	
2.Jonesville_ClimateChangeFutureConditionsAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 2 Climate Change Future Conditions	
Hwy_67_flooding_statement.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 2 Climate Change Future Conditions Statement	
3.Jonesville_ImplementationMeasuresAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 3 Implementation Measures	
6.Jonesville_LeveragingPartnersAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 6 Leveraging Partners	
Grant_13970-Final_Project_Report.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 3 Implementation Measures - Feasibility Study #2	
StreamRestorationinSoutheast_NCSU_2006_Focus.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 3 Implementation Measures - Feasibility Study #3	
4.Jonesville_PopulationImpactedAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 4 Population Impacted	
1.Jonesville_RiskReductionAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 1 Risk Reduction	
JONESVILLE_ScopeOfWork_23.docx.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Scope of Work	
5.Jonesville_OutreachActivitiesAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 5 Outreach Activities	
Evaluating Biotic Functional Lift Provided by Physical Habitat Rehabilitation Thesis Fisher.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Criterion 3 Implementation Measures - Feasibility Study #1	
Jonesville_Technical_Evaluation_Criteria_23.pdf	01/18/2023	mpardue@townofjonesvillenc.com	Scope of Work Attachments	Technical Scoring Criteria	

Schedule

Specify the work schedule for the mitigation activities.

Add tasks to the schedule

Please include all tasks necessary to implement this mitigation activity; include descriptions and estimated time frames.

Task Name Stream restoration work along the Yadkin River and tributaries (Phase 1)	Start Month 3	Task Duration (in Months) 3 months
Task Description Site surveys, Design, Engineering.		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 1)	Start Month 5	Task Duration (in Months) 6 months
Task Description Federal, State and local permits, No-Rise Certification, Endangered Species, Natural Resources, etc		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 2)	Start Month 8	Task Duration (in Months) 3 months
Task Description Advertise, Bid, Pre-qualify, secure insurance, contracts		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 2)	Start Month 11	Task Duration (in Months) 1 months
Task Description Layout, Survey, Construction		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 2)	Start Month 12	Task Duration (in Months) 13 months
Task Description Implementation of construction activities as permitted and outlined in natural stream channel design plans for Yadkin River and tributaries (rock and bio-engineering practices)		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 2)	Start Month 22	Task Duration (in Months) 2 months
Task Description Installation of native plantings and permanent seed (must be completed during dormant growing season in order for best establishment and growth) (takes good 3 years to get vegetation established and thriving on own) (if timing right and ground is prepared after active construction activities)		
Task Name Stream restoration work along the Yadkin River and tributaries (Phase 2)	Start Month 33	Task Duration (in Months) 3 months
Task Description Site clean-up, remove temporary erosion control measures and practices, silt fence, temporary crossings, etc.		
Task Name Greenway Trail Development (Phase 1)	Start Month 1	Task Duration (in Months) 3 months
Task Description Site Surveys, Design, Engineering		
Task Name Greenway Trail Development (Phase 1)	Start Month 3	Task Duration (in Months) 6 months
Task Description		

Federal, State and local permits. No-rise Endangered species, Natural Resources

Task Name Greenway Trail Development (Phase 2)	Start Month 12	Task Duration (in Months) 3 months
Task Description Advertise, Bid, Pre-qualify, secure insurance, contracts.		
Task Name Greenway Trail Development (Phase 2)	Start Month 16	Task Duration (in Months) 1 months
Task Description Layout, Survey, Construction		
Task Name Greenway Trail Development (Phase 2)	Start Month 17	Task Duration (in Months) 13 months
Task Description Implementation of construction activities as permitted in greenway design plans.		
Task Name Greenway Trail Development (Phase 2)	Start Month 28	Task Duration (in Months) 2 months
Task Description Seeding and vegetation establishment along work area. Work should follow the vegetation establishment along the riparian area.		
Task Name Greenway Trail Development (Phase 2)	Start Month 34	Task Duration (in Months) 2 months
Task Description Site Cleanup, remove temporary erosion control measures, silt fence, etc.		
Task Name State Grant Contracting (Phase 1)	Start Month 1	Task Duration (in Months) 2 months
Task Description Grant acquisition and contracting between Town of Jonesville and NC Department of Public Safety		
Task Name Community Engagement and Outreach (Phase 1)	Start Month 3	Task Duration (in Months) 6 months
Task Description Engage the community and the partners with the process and plans relating to the project. Town Council, RV Parks, Partner meeting, Army Corp. of Engineers, NC DEQ, Press Release.		

Estimate the total duration of your proposed activities (in months). **36**

Proposed project start and end dates

Start Date **2024-01-01**

End Date **2026-12-31**

Introduction

Project location

Provide a detailed description of the proposed project's location.

The Town of Jonesville is located on the border of Yadkin and Surry County, North Carolina, in the Foothills region of the state, in Yadkin Valley. The

Yadkin River splits the Towns of Jonesville and Elkin. The Yadkin River, NC's second largest river system in the state, flows along the Jonesville's northern border heading east. The Town has two commercial corridors – one along US Highway 21 running north/south and the other along NC Highway 67 running east/west through Jonesville. Commercial growth has shifted in the past couple decades to the NC Highway 67 corridor near Interstate Highway 77. The project activities are proposed to take place on property that is already owned and managed by the Town of Jonesville.

Latitude 36.250000
 Longitude -080.821000

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
JonesvilleGreenway_8.5x11_Overview.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Project Location Attachments	Jonesville Upper Yadkin River Floodplain Resiliency Initiative Concept	
JonesvilleGreenway_11x17_2022BRIC.jpg	11/18/2022	mpardue@townofjonesvillenc.com	Project Location Attachments	Property Ownership Map	

Project benefiting area

Provide a detailed description of the proposed project's benefiting area.

The Town of Jonesville is located on the border of Yadkin and Surry County, North Carolina, in the Foothills region of the state, in Yadkin Valley. The Yadkin River splits the Towns of Jonesville and Elkin. The Yadkin River, NC's second largest river system in the state, flows along the Jonesville's northern border heading east. The Town has two commercial corridors – one along US Highway 21 running north/south and the other along NC Highway 67 running east/west through Jonesville. Commercial growth has shifted in the past couple decades to the NC Highway 67 corridor near Interstate Highway 77. The project activities are proposed to take place on property that is already owned and managed by the Town of Jonesville. See Criterion #4, Population Impacted for more information.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project impact area

Provide a detailed description of the proposed project's impact area.

The Town of Jonesville is located on the border of Yadkin and Surry County, North Carolina, in the Foothills region of the state, in Yadkin Valley. The Yadkin River splits the Towns of Jonesville and Elkin. The Yadkin River, NC's second largest river system in the state, flows along the Jonesville's northern border heading east. The Town has two commercial corridors – one along US Highway 21 running north/south and the other along NC Highway 67 running east/west through Jonesville. Commercial growth has shifted in the past couple decades to the NC Highway 67 corridor near Interstate Highway 77. The project activities are proposed to take place on property that is already owned and managed by the Town of Jonesville. See Criterion #4, Population Impacted for more information.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project site inventory

Does this project subapplication propose to mitigate a property/structure(s)? (**No**
 Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.)

Please [download the excel template](#), and then fill out the template with building or infrastructure data.

Budget

Budget cost estimate should directly link to your scope of work and work schedule. You must add at least one item(s) greater than 0 for your cost estimate. As necessary, please adjust your federal/non-federal cost shares, and add the non-federal funding source(s) you are planning to use this project. Once you have completed this section, please click the Continue button at the bottom of this page to navigate to the next section.

Add budget cost types and item(s)

First, click the Add cost type button below to add cost type cost estimate and then click the Add item(s) button to add the item(s) for the cost estimate.

Grand total: \$8,984,386.42

Budget type: Construction

▶ Cost type: Cost estimate	\$8,556,558.50
▶ Cost type: Management cost	\$427,827.92

Program income (optional)

Cost share

Cost share or matching means the portion of project costs not paid by federal funds.

Proposed federal vs. non-federal funding shares

Hazard mitigation assistance (HMA) funds may be used to pay up to 75% federal share of the eligible activity costs. Building Resilient Infrastructure and Communities (BRIC) and small impoverished communities may be eligible for up to 90% federal share. Flood Mitigation Assistance (FMA) and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share.

Is this an Economically Disadvantaged Rural Community? ⓘ This determines your federal/non-federal share ratio. Yes	Proposed federal share	80.31	\$7,215,129.42
	Proposed non-federal share	19.69	\$1,769,257.00
	Percent on total budget cost: \$8,984,386.42		

Non-federal funding sources here

That portion of the total costs of the program provided by the non-federal entity in the form of in-kind donations or cash match received from third parties or contributed by the agency. In-kind contributions must be provided and cash expended during the project period along with federal funds to satisfy the matching requirements.

Funding source	Funding amount	% Non-federal share by source
▶	25.43%	\$450,000.00

Funding source: North Carolina Phase 2		
▶ Funding source: Local Phase 2	0.44%	\$7,773.00
▶ Funding source: Local - land Acquisition Phase 2	1.19%	\$21,087.00
▶ Funding source: Local Phase 2	14.92%	\$264,018.00
▶ Funding source: Local Phase 2	2.53%	\$44,768.00
▶ Funding source: State (pending) Phase 2	5.65%	\$100,000.00
▶ Funding source: Local Phase 1	5.09%	\$90,000.00
▶ Funding source: Local Phase 2	0.11%	\$1,986.00
▶ Funding source: Local Private Phase 2	0.39%	\$6,900.00
▶ Funding source: Local Phase 2	0.54%	\$9,475.00
▶ Funding source: Local Phase 2	6.78%	\$120,000.00
▶ Funding source: Local Phase 1	1.58%	\$28,000.00
▶ Funding source: Local Phase 2	2.60%	\$46,000.00
▶ Funding source: North Carolina Phase 2	28.26%	\$500,000.00
▶ Funding source: Local Phase 1	0.66%	\$11,665.00
▶ Funding source: Local Phase 1	3.82%	\$67,585.00

Please provide any additional comments below (optional).

Budget estimates were compiled based on best available data and information.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC Matching Funds 2022.pdf	01/05/2023	mpardue@townofjonesvillenc.com	Budget Attachments	Breakdown of matching funds associated with BRIC application for Jonesville	
BRIC Cost 2022.pdf	01/05/2023	mpardue@townofjonesvillenc.com	Budget Attachments	Breakdown of costs associated with BRIC application for Jonesville	
Jonesville MFunds Commitment Ltr.pdf	01/18/2023	mpardue@townofjonesvillenc.com	Budget Attachments	Do Not Use	

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC2022-Jonesville-MatchLetter.pdf	01/22/2023	kaine.riggan@ncdps.gov	Budget Attachments	Funds commitment letter for matching funds.	

Cost-effectiveness

How was cost-effectiveness determined for this project?

- BCA completed in FEMA's BCA toolkit
Subapplicant must attach supporting documentation.
- Pre-calculated benefits
- Substantial damage in special flood hazard area
- Other BCA methodology approved by FEMA in writing
- Not applicable
- Not applicable

What are the total project benefits? (\$) **77687684**

What are the total project cost? (\$) **6092351**

What is the benefit-cost ratio (BCR) for the entire project? **12.75**

Was sea level rise incorporated into the flood elevations in the BCA? **No**

Were environmental benefits added to the project benefits? **Yes**

Were social benefits added to the project benefits? **Yes**

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Jonesville_BCA_v2.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Cost Effectiveness Attachments	Methodology - Jonesville Benefit Cost Analysis package information for stream restoration and greenway features	
Export_BCATemplate_1_5_2023.xlsx	01/06/2023	mpardue@townofjonesvillenc.com	Cost Effectiveness Attachments	Jonesville BCA Template Excel file	
Jonesville_BCA_v2.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Cost Effectiveness Attachments	Jonesville BCA PDF File	

Environmental/Historic Preservation (EHP) Review Information

Introduction

An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

A. National Historic Preservation Act - Historic Buildings and Structures

1. Does your project affect or is it in close proximity to any buildings or structures 50 **Yes** years or more in age?

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- The property address and original date of construction for each property affected (unless this information is already noted in the Properties section).
- A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly).
- A diagram or USGS 1:24,000 scale quadrangle map displaying the relationship of the property (s) to the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

- Information gathered about potential historic properties in the project area, including any evidence indicating the age of the building or structure and presence of buildings or structures that are listed or eligible for listing on the National Register of Historic Places or within or near a National Register listed or eligible historic district. Sources for this information may include the State Historic Preservation Officer, and/or the Tribal Historic Preservation Officer (SHPO/THPO), your local planning office, historic preservation organization, or historical society.
- Consideration of how the project design will minimize adverse effects on known or potential historic buildings or structures, and any alternatives considered or implemented to avoid or minimize effects on historic buildings or structures. Please address and note associated costs in your project budget.
- For acquisition/demolition projects affecting historic buildings or structures, any data regarding the consideration and feasibility of elevation, relocation, or flood proofing as alternatives to demolition.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional) **Fish weir is in Yadkin River- see attached image of location via air photo**

Please provide an explanation and any information about this project that could assist FEMA in its review.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Native_Am_Fish_Trap.pdf	11/18/2022	mpardue@townofjonesvillenc.com	closeProximityTo50YearOldBuilding.attachmentIds	Identified American Fish Trap along Yadkin River, Jonesville, NC	
JonesvilleGreenway_11x17_Overview_Sites.png	11/18/2022	mpardue@townofjonesvillenc.com	closeProximityTo50YearOldBuilding.attachmentIds	Overview map indicating locations of Heritage Site and Fishing Weir within Jonesville project area	
Native_Am_Site.pdf	11/18/2022	mpardue@townofjonesvillenc.com	closeProximityTo50YearOldBuilding.attachmentIds	Noted Native American site along Yadkin River in Jonesville, NC	

B. National Historic Preservation Act - Archeological Resources

Does your project involve disturbance of ground? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location.
- The past use of the area to be disturbed, noting the extent of previously disturbed ground.
- A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
JonesvilleGreenway_11x17_Overview_Sites-Copy.png	11/18/2022	mpardue@townofjonesvillenc.com	involveDisturbanceOfGround.attachmentlds	Overview map indicating locations of Heritage Site and Fishing Weir within Jonesville project area	

C. Endangered Species Act and Fish and Wildlife Coordination Act

1. Are federally listed threatened or endangered species or their critical habitat present in the area affected by the project? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Information you obtained to identify species in or near the project area. Provide the source and date of the information cited.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Any request for information and associated response from the USFWS, the National Marine Fisheries Service (NMFS) (for affected ocean-going fish), or your State Wildlife Agency, regarding potential listed species present and potential of the project to impact those species.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

US Fish and Wildlife Service, 2021 During a site visit to discuss streambank restoration efforts on the Yadkin River in Jonesville, Toby Butcher, NC Wildlife Enforcement Officer, informed me of a fish weir that exists adjacent to parcel 155155 as listed on the Yadkin County GIS tax maps. Subsequent visits to the proposed project area led to discussion on fish habitat improvement that is needed in the Yadkin River and the positive impact that streambank restoration will have on the aquatic ecosystem. To our knowledge no threatened or endangered species are present in the project work area.

Please provide an explanation and any information about this project that could assist FEMA in its review.

2. Does your project remove or affect vegetation? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please provide the required documents either through attachment and/or comment box below.)

Description of the amount (area) and type of vegetation to be removed or affected.

A site map showing the project area and the extent of vegetation affected.

Photographs or digital images that show both the vegetation affected and the vegetation in context of its surroundings.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Please provide an explanation and any information about this project that could assist FEMA in its review.

3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water? **Yes**

If Yes, and project is not within an existing building, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- A USGS 1:24,000 scale quadrangle map showing the project activities in relation to all nearby water bodies (within 200 feet).
- Any information about the type of water body nearby including: its dimensions, the proximity of the project activity to the water body, and the expected and possible changes to the water body, if any. Identify all water bodies regardless whether you think there may be an effect.
- A photograph or digital image of the site showing both the body of water and the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

- Evidence of any discussions with the US Fish and Wildlife Service (USFWS), and/or your State Wildlife Agency concerning any potential impacts if there is the potential for the project to affect any water body.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

During a site visit to discuss streambank restoration efforts on the Yadkin River in Jonesville, Toby Butcher, NC Wildlife Enforcement Officer, informed me of a fish weir that exists adjacent to parcel 155155 as listed on the Yadkin County GIS tax maps. Subsequent visits to the proposed project area led to discussion on fish habitat improvement that is needed in the Yadkin River and the positive impact that streambank restoration will have on the aquatic ecosystem. To our knowledge no threatened or endangered species are present in the project work area.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)

1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as 'waters of the U.S.' as identified by the US Army Corps of Engineers or on the National Wetland Inventory? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- Documentation of the project location on a USGS 1:24,000 scale topographic map or image.
- A copy of a National Wetlands Inventory map or other available wetlands mapping information.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

- Request for information and response letter from the US Army Corps of Engineers and/or state resource agencies regarding the potential for wetlands, and applicability of permitting requirements.
- Evidence of alternatives considered to eliminate or minimize impacts to wetland.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Jonesville_FIRM.PNG	11/18/2022	mpardue@townofjonesvillenc.com	waterBodyOrWetlandModification.attachmentIds	Jonesville Flood evaluation highlighting proposed project area	

E. Executive Order 11988 (Floodplain Management)

1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 1% annual chance floodplain, a 0.2% annual chance floodplain, a regulatory floodway, or an area prone to flooding?

Yes

Please explain in the text box below and/or provide any documentation to identify the means or the alternatives considered to eliminate or minimize impacts to floodplains (See the 8 step process found in 44 CFR Part 9.6.) to help FEMA evaluate the impact of the project:

1. Proposed project is located in a 100-year floodplain. 2. Public notified during 2019 planning efforts and continuous since then 3. Alternatives identified and none are more feasible than the proposed project's scope of work. 4. Potential direct and indirect impacts include the repair and restoration of stream and recovery of historically damaged natural resource. 5. Adverse impacts are assessed and mitigated to the fullest extent of Jonesville. The Town affirms that this step will be upheld throughout the design and construction process. 6. The proposed action was reevaluated and has been deemed still practical with little to no damage to negatively disrupt floodplain and wetlands values, and alternatives identified through Step 3 are not practical. 7. The public will continue to be notified throughout the implementation of this project if awarded. 8. Step 8 will be fulfilled if the project is awarded.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation?

Yes

If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:

- Hydrologic/hydraulic information from a qualified engineer to demonstrate how drainage and flood flow patterns will be changed and to identify down and upstream effects.
- Request for information and response letter from the state water resource agency, if applicable, with jurisdiction over modification of waterways.
- Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

The plans and specifications will be developed to support the permitting process. All permitting is to be obtained for the construction of the project. At a minimum, permits required may include Federal, State, County, and Local permits such as Section 404/401 Clean Water Act Permits, Floodplain development permit, FEMA No-Impact or CLOMR/LOMR Certification, Erosion and Sediment Control, site plan approval, construction drawing approval, and others as necessary. Consultant to provide monthly design and permitting activity reports. Further investigation and calculations of hydrologic/hydraulic modeling will be drafted after project funding is awarded.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
flood-damage-prevention.pdf	01/06/2023	mpardue@townofjonesvillenc.com	affectToPercentAnnualChanceFloodplain.attachmentIds	TOWN OF JONESVILLE FLOOD DAMAGE PREVENTION ORDINANCE	

F. Coastal Zone Management Act

1. Is the project located in the state's designated coastal zone?

No

G. Farmland Protection Policy Act

1. Will the project convert more than 5 acres of prime or unique farmland outside city limits to a non-agricultural use? **No**

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)

1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project? **No**

2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project? **No**

3. Does any project construction or operation activities involve the use of hazardous or toxic materials? **No**

4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials? **No**

I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations

1. Are there low income or minority populations in the project's area of effect or adjacent to the project area? **Yes**

If Yes, you must confirm that you have provided the following either in the text box below or by attachment: (If you have not provided these documents in any other section of the application, please attach the required documents or provide the description below.)

Description of any disproportionate and adverse effects to these populations.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

Description of the population affected and the portion of the population that would be disproportionately and adversely affected. Please include specific efforts to address the adverse impacts in your proposal narrative and budget.

Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

There are no disproportionate and adverse effects to these populations. This project works to resolve environmental justice concerns and helps historically underserved populations and places achieve substantial justice. See attached EJ Screen report.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
jonesville_ejscreen_report.pdf	11/18/2022	mpardue@townofjonesvillenc.com	lowIncomeMinority.attachmentIds	EPA Environmental Justice report/summary for Jonesville	

J. Other Environmental/Historic Preservation Laws or Issues

1. Are there other environmental/historic preservation requirements associated with this project that you are aware of? **No**

2. Are there controversial issues associated with this project? **No**

3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project? **Yes**

If Yes, please indicate in the text box below a description of the requirements, issues or public involvement effort.

Multiple planning and public participation efforts have been conducted related to the overall scope of this project, dating back to 2015 include a greenway/corridor plan/study conducted by the North West Piedmont Rural Planning Organization in 2019. Current: Jonesville Greenway Plan 2020 Elkin & Jonesville Stormwater Mapping 2015 Elkin & Jonesville Water Supply Protection Plan 2015 Jonesville Pedestrian Plan

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
PTRC_Jonesville-ElkinWaterSupplyProtectionPlan_2015t.pdf	11/18/2022	mpardue@townofjonesvillenc.com	otherEHPLawsIssues.attachmentIds	Elkin and Jonesville Water Supply Protection Plan for Yadkin River 2015	
JonesvillePedPlanHiResVers_2015.pdf	11/18/2022	mpardue@townofjonesvillenc.com	otherEHPLawsIssues.attachmentIds	Jonesville Comprehensive Pedestrian Transportation Plan- partner collaboration 2015	

K. Summary and Cost of Potential Impacts

Having answered the questions in parts A. through J., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties? **Yes**

If Yes, you must confirm that you have provided the following: (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- Evaluated these potential effects and provided the materials required in Parts A through J that identify the nature and extent of potential impacts to environmental resources and/or historic properties.
- Consulted with appropriate parties to identify any measures needed to avoid or minimize these impacts.
- Considered alternatives that could minimize both the impacts and the cost of the project.
- Made certain that the costs of any measures to treat adverse effects are realistically reflected in the project budget estimate.

Please enter your comments below. (optional) : (Please indicate why in the text box below and any information about this project that could assist FEMA in its review).

Responses in parts A. through J. substantiate the summary and cost of potential impacts for this project. Furthermore, the Town of Jonesville has consulted with appropriate parties to identify any measures needed to avoid or minimize these impacts, considered alternatives that could minimize both the impacts and the cost of the project, and made certain that the costs of any measure to treat adverse effects are realistically reflected in the project budget estimate.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Evaluation

- Is the applicant participating in the [Community Rating System \(CRS\)](#)? **No**
- Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **Yes**

Was this application generated from a previous FEMA HMA Advance Assistance or Project Scoping award or any other federal grant award, or the subapplicant is a past recipient of Building Resilient Infrastructure and Communities (BRIC) non-financial Direct Technical Assistance? **No**

Has the applicant adopted building codes consistent with the [international codes](#)? **Yes**

Year of building code **2018**

Please provide the building code. **NC State Code: Building, Energy Conservation, Fire, Fuel Gas, Mechanical, Plumbing, Residential**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **Yes**

Select rating. **4**

Describe involvement of partners to enhance the mitigation activity outcome. **Town of Jonesville believes strongly in the power of partnerships. The various trail user groups, even at the national level, weren't able to accomplish everything they wanted by working separately, so they worked together to build a new, multi-user trails advocacy organization. The Jonesville Trails Association, an advocate for our trails and parks system in Jonesville, is the leading partner to bring collaboration among several partners for our trails system. Partners between the various federal, state and local organizations will be involved with mitigation activities to secure a sustainable and resilient trails/parks system for Jonesville.**

Discuss how anticipated future conditions are addressed by this project. **Design the trail/walkway to accommodate the planned use and site constraints. Minimize erosion and adverse on-site and off-site impacts to areas such as riparian zones, stream channels, streambanks, or wildlife habitat. Design trail/walkway grades to safely accommodate the planned use and to reduce the potential for erosion from runoff. Divert concentrated water flows away from the trail or walkway by installing rock veins diverting stream flows to the center of the channel. Vegetation shall be selected that is best suited for the site conditions and achieves the intended purpose(s).**

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
JonesvilleGreenwayTrail_InspectionReport_pictures.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Evaluation Attachments	Jonesville Greenway inspection pictures after hurricane disasters	
Jonesville Trails bylaws.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Evaluation Attachments	Jonesville Trail Association by-laws noting organizational support for Greenway	
Jonesville Letters of Support 23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Evaluation Attachments	Jonesville Letters of Support	
Jonesville NC BCEGS.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Evaluation Attachments	Jonesville BCEGS Score	
2.Jonesville ClimateChangeFutureConditionsAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Evaluation Attachments	Criterion 2 Climate Change and Future Conditions	

Filename	Date uploaded	Uploaded by	Label	Description	Action
Jonesville.TechnicalScoringSupport.pdf	01/12/2023	kaine.riggan@ncdps.gov	Evaluation Attachments	Technical Scoring Support document	
JonesvilleGreenwayTrail_Inspection Report.pdf	11/18/2022	mpardue@townofjonesvillenc.com	Evaluation Attachments	Jonesville Greenway inspection reports after hurricane disasters	
6. Jonesville_LeveragingPartnersAttachment_23.pdf	01/06/2023	mpardue@townofjonesvillenc.com	Evaluation Attachments	Criterion 6 Leveraging Partners	

Comments & attachments

▶ Community	0 comment, 3 attachments
▶ Mitigation plan	0 comment, 1 attachments
▶ Scope of work	0 comment, 14 attachments
▶ Budget	1 comment, 4 attachments
▶ Cost-effectiveness	0 comment, 3 attachments
▶ Evaluation	0 comment, 8 attachments
▶ Environmental/Historic Preservation (EHP)	0 comment, 9 attachments
▶ Location	0 comment, 2 attachments

Assurances and certifications

OMB Number: 4040-0009 Expiration Date: 02/28/2025 [View burden statement](#)

SF-424D: Assurances - Construction Programs

Content:

OMB Number: 4040-0009
 Expiration Date: 02/28/2025

Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency

- or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
 7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
 8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
 9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
 10. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
 11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
 12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
 13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
 14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
 15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
 16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
 17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a--1 et seq.).
 18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
 19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
 20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

Certifications regarding lobbying

OMB Number: 4040-0013

Expiration Date: 02/28/2025

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.