

Subapplicant information

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

CITY OF WILSON UTILITIES

208 NASH ST NE
 WILSON, NC 27893 United States

State	DUNS #	EIN #
NC	847638251	566000240

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)

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Point(s) of contact

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Hunter Freeman Consultant freeman@mcadamsco.com	Primary phone 9192647613 Mobile Fax	Additional phones 9192647613 Mobile	Mailing address 621 Hillsborough St Suite 500 Raleigh NC 27603

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
WILSON COUNTY*	195	370370	N		1,2
WILSON, CITY OF	195	370270	Y	5	1,2

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#1_TechnicalScoringSupport.pdf	01/14/2023	rstubbs@mcadamsco.com	Community Attachments	Outlines how the Hominy Swamp Stormwater Park will satisfy the Technical Scoring requirements. Exhibits include Concept Site Vision, Conceptual Layout, ISO BCEGS Letter, City of Wilson Match Commitment Letter, and CDC Social Vulnerability demographic data.	

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	Plan type	Plan approval date
N.E.W Regional Hazard Mitigation Plan	Local Multijurisdictional Multi-Hazard Mitigation Plan	08/20/2020
Proposed activity description		

Please provide any additional comments below (optional).

In 2020, the City of Wilson adopted a Hazard Mitigation Plan developed for Nash, Edgecombe, and Wilson County region in an effort to minimize the impact of natural hazards on the inner coastal plain of NC. The planning area includes all of Nash, Edgecombe, and Wilson Counties' incorporated municipalities (including the City of Wilson) and unincorporated areas. The approved regional Hazard Mitigation Plan is intended to ensure that mitigation activities are coordinated with different entities, preventing conflicts and reducing costs of implementing each individual activity through establishing a shared vision and guiding principles for reducing hazard risk and proposing specific mitigation actions to eliminate or reduce identified vulnerabilities. Within the management plan, several activities

were identified to reduce safety hazards, health hazards, and property damage caused by floods within the City of Wilson. Acquisition (prior to scope of this project) and subsequent demolition of the Wilson Mall site directly aligns with Mitigation Action #PP-3 listed in Table 7.29 on page 299 in the NEW Regional HMP (attached) to “acquire funds to purchase other properties flooded”. Implementation of a regional nature-based stormwater control device will support Mitigation Action #SP-1 to “install detention facilities to mitigate peak flow in the downtown area”. Additionally, this project will support Mitigation Action #NRP-2 and the goals and priorities identified in the “Hominy Creek Water Quality Park and Greenway” plan. Demolition and subsequent conversion of the site to a Stormwater Park will reduce peak flow, reduce erosion, reduce flooding, and improve water quality in Hominy Swamp Creek through significant impervious reduction and restoration of open space areas, increasing the City’s resilience to natural hazards and benefitting multiple at-risk properties.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#2_NEW Regional HMP.pdf	01/03/2023	rstubbs@mcadamsco.com	Mitigation Plan Attachments	The City of Wilson jointly followed the planning process prescribed by the Federal Emergency Management Agency (FEMA) and supported development of this plan under the guidance of a Hazard Mitigation Planning Committee (HMPC) comprised of representatives of County, City and Town departments, federal and state agencies, citizens and other stakeholders.	

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)

Hominy Swamp Stormwater Park

Activities

Primary activity type

Flood control

Primary sub-activity type

Stormwater management

Primary sub-activity type

Stormwater management

Secondary activity type (Optional)

Flood control

Secondary sub-activity type

Low impact development/nature based solutions

Tertiary activity type (Optional)

Utility and infrastructure protection

Tertiary sub-activity type

Stormwater sewer system

Geographic areas description

The City of Wilson is located just east of I-95 in North Carolina within the Neuse River Basin in the coastal plain of North Carolina. The Hominy Swamp Stormwater Park site more specifically, is an approximately 44-acre site located to the west of the City’s downtown area where the existing use is the

abandoned Wilson Mall. Between the project site and the downtown area lies Hominy Swamp Creek, a FEMA studied stream with regulated 1% ACF floodplain and floodway. Hominy Swamp Creek and surrounding areas experienced severe flooding during and after Hurricane Matthew in 2016 during which several road crossings were inundated for extended periods of time. The primary source of flooding during Hurricane Matthew and numerous other severe weather events was the upstream contributing watershed. The existing Wilson Mall site is one of the largest and densest contributors of stormwater runoff in the watershed, frequently causing residential property flooding and ultimately draining to the Elizabeth Rd crossing of Hominy Swamp Creek. Additionally, Hominy Swamp Creek has been previously listed as a 303(d) impaired surface water and currently has an approved EPA 4b plan (Attachment 3). The main stressors identified in the NC DWQ Report (2004) were high density impervious area contributing to significant fluctuations in base flow, loss of riparian buffer, and channelization of Hominy Swamp Creek resulting in erosion, sedimentation, and decline in benthic habitat. The conversion of the existing Wilson Mall into a Stormwater Park will directly address the reduction of impervious area while also providing peak flow attenuation and water quality treatment of an additional 50-acres of offsite medium density residential, which will help mitigate the identified stressors in the stream.

Community lifelines

Primary community lifeline

Primary sub-community lifeline

Secondary community lifeline (optional)

Secondary sub-community lifeline

Tertiary community lifeline (optional)

Tertiary sub-community lifeline

Hazard sources

Primary hazard source

Secondary hazard source (optional)

Tertiary hazard source (optional)

Is this a phased project?

Are you doing construction in this project?

Percentage of population impacted

Provide detailed description of population impacted

Safety and security

Law enforcement/security

Transportation

Highway/roadway/motor vehicle

Food, water, shelter

Water

Severe storm

Flooding

Infrastructure failure

Yes

Yes

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Population demographic data in the vicinity of the Hominy Swamp Stormwater Park site is included in detail in Attachment 7. The surrounding residential areas of the Hominy Swamp Stormwater Park represent approximately 4% of the overall City population. Specifically, the impacted population is approximately 50% owner and 50% renter occupied housing units with a median age of 44, a Median Household Income of \$38,142, and Per Capita Income of \$19,339. Since the directly affected community has a Per Capita Income significantly less than 80% of the United States Per Capita Income of \$35,672 as referenced on the US Census Bureau website on September 30, 2021, this project will enhance the quality of life of an economically disadvantaged community. Conversion of the mall to a park will provide an important cultural resource through creation of easily accessible open space which can provide mental and physical health benefits in addition to providing improved pedestrian connectivity to a commercial area along Ward Boulevard. Flooding reduction provided by the project will further enhance quality of life by limiting property damage caused by natural hazards.

Provide a clear and detailed description of your proposed activity

For the last several years, the City of Wilson has received repeated complaints from residents living along storm drainage infrastructure downstream of the existing Wilson Mall site. Until acquisition of the mall property became a viable option, the City was hard-pressed to identify a cost-effective long-term solution that would relieve flooding in this area. The City was potentially facing replacement and upsizing of infrastructure between the mall and Elizabeth Road. All of which would require temporary construction easement acquisition, would be incredibly invasive to residents whose yards would be significantly impacted, and expensive construction costs due to access challenges and material sizes. Alternatively, through providing stormwater control on the previous mall property, the City will achieve the same project goals at much less cost and citizen impact. With the Hominy Swamp Stormwater Park project the City will (Goal #1) reduce infrastructure flooding and (Goal #2) provide stormwater quality treatment for economically disadvantaged neighborhoods in the Hominy Swamp Creek watershed by acquiring the Wilson Mall property, demolishing the derelict building, removing the majority of existing impervious area, and developing the approximately 26-acre Stormwater Park. The project site is a 44-acre property, approximately 90% impervious, located within the Hominy Swamp Creek watershed. The mall officially closed in 2013 and has been abandoned since that time with no concrete plans for redevelopment. The City of Wilson raised sufficient independent funding to acquire the property as described in the various articles included in Attachment 11c. Therefore, the City now seeks BRIC funding to initiate the demolition, design, permitting, and construction of multi-use stormwater park that aims to alleviate repetitive flooding events experienced by City residents in the downtown area. As one of the largest and densest contributors of stormwater runoff to Hominy Swamp Creek at the Elizabeth Rd crossing, conversion of the mall property from 90% impervious to ~40% impervious and incorporating significant detention on the project site will have a positive impact on the downstream communities, utilities, and road crossings in future storm events. The City has invested significant financial resources over the past several years in property acquisitions within and adjacent to the FEMA floodplain and floodway along Hominy Swamp Creek. Through demolition of the mall site and conversion into a Stormwater Park, the City will provide flood control outside of the regulated floodplain and increase source water protection through the added ability to treat the runoff from otherwise untreated and uncaptured impervious surface. Nature-based solutions will be incorporated into many park elements to provide supplemental treatment and volume reduction of runoff from the site.

How will the mitigation activity be implemented?

With BRIC funding assistance, the City of Wilson will begin with Phase 1 by demolishing the buildings that have stood vacant for the past 9 years as well as a portion of the existing parking lot. Phase 1 will also include survey, design, and permitting services provided by an engineering consultant. Once cost-effectiveness is demonstrated after final design, Phase 2 activities including construction of the proposed Hominy Swamp Stormwater Park will commence. The site is currently more than 90% impervious and drains to an overwhelmed storm drainage system which outlets into an Unnamed Tributary of Hominy Swamp Creek at Elizabeth Rd. Attachment 5 shows the watershed to this outfall is approximately 275 acres of which the project site is 44-acre with an additional 50 acres of medium density residential that drains through the project site. By redeveloping the project site, the City will be able to control runoff from nearly half of the watershed to the severely eroded outfall and reduce flooding impact to vulnerable properties. The project is currently structured into two phases, the first of which will include structure demolition with simultaneous design and permitting of the stormwater park. The second phase will consist of construction of the stormwater park which will include a nature-based stormwater detention facility to reduce the volume of surface water runoff, provide peak flow reduction, and reduce total suspended solids and nutrients. Ancillary benefits will include establishing a large, activated open space area within economically disadvantaged communities which can have positive impacts on public and mental health. Due to the scale and complexity of the proposed phased project, City of Wilson has included Subrecipient Management Costs (SRMC) as part of the overall project budget. Management costs will support solicitation, review, and processing of sub applications and subawards, delivery of technical assistance, managing awards, and technical monitoring throughout the project life cycle.

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

The Wilson Mall closed in 2013 and has stood vacant since its closing. A few businesses remain open in the outparcels, in addition to an active movie theater, however the primary structure has remained vacant, posing a security risk to the surrounding communities. The mall was initially constructed in 1964 with several renovations and additions over the years, all

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.):

pre-dating stormwater quantity and quality regulations. The site is 44-acres of dense impervious that generates a significant amount of runoff during rainfall events. Several drainage systems run across the property conveying offsite drainage and collecting runoff from the mall property itself, combining into a double trunkline near the northeastern corner of the property that flows under Ward Blvd (NC-42), which is maintained by NCDOT. This undetained storm drainage frequently causes flooding issues within the NC-42 right-of-way and on private residential properties as the trunkline continues to its outfall just under Elizabeth Rd. A preliminary hydrologic analysis was performed to quantify the peak flow reduction possible from demolishing the 44-acre mall site and converting 26-acres of the property into pervious open space. The change in land use alone has a significant impact on peak flow reduction at the Mall Point of Analysis (POA) as shown in Attachment 5 with an estimated 27% reduction in the 10-yr, 24-hr storm event and a 13% reduction in the 100-yr, 24-hr storm event. This reduction from land use change alone is impactful, as several residents along the downstream storm infrastructure have reported localized property flooding resulting from an overwhelmed public drainage system. When looking at the larger watershed, the mall's conversion is estimated to reduce flows at the Elizabeth Rd POA by nearly 20% in the 10-yr, 24-hr storm and 8% in the 100-yr, 24-hr storm. Preliminary analysis of the added benefit provided by a stormwater control measure estimates reductions in peak flows at the Mall POA of approximately 53% in the 10-yr storm, approximately 42% in the 25-yr storm, and approximately 42% in the 100-yr storm event. The primary benefits will be felt by the residents who live along the trunkline between the Mall POA and the Elizabeth Rd POA, however, the City of Wilson understands that investment in stormwater controls in the headwaters collectively provides more significant improvement and reduction of floodplain areas and reduces harmful impacts downstream. This project will dramatically alter land use, reducing contribution to heat island effects, handling stormwater runoff through capture, detention, and treatment prior to draining into surface waters downstream, and incorporating resiliency into the design targets for detention and treatment.

Who will manage and complete the mitigation activity?

The City of Wilson will be the responsible entity for managing and completing the demolition, design, permitting, and construction of the Hominy Swamp Stormwater Park project through the hiring of engineers and contractors to complete the work. They will coordinate with project partners and regulatory agencies to ensure that all appropriate permits are obtained, a qualified engineer is selected to develop the design and a qualified contractor is selected such that the work is completed satisfactorily. The City will also be the responsible party for long term maintenance of the stormwater control facility. As the City will be primary responsible party to the management of the mitigation activities included in the project scope, sub-recipient management costs to cover quarterly reporting, managing award funding, in addition to hiring a consultant to provide technical assistance in the feasibility assessment and BCA development are included within the cost estimate for the project.

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

Demolition of the Wilson Mall property will address a prominent public safety hazard directly by removing a large vacant building which often encourages criminal activity. Additional benefits provided by demolition of substantial impervious surfaces will be the reduction in runoff volume from this initial phase alone. Rainfall will be able to infiltrate on the project site sending less runoff volume to the overwhelmed storm drainage system downstream reducing risk of infrastructure failure. Benefit of the project will be maximized in completion of Phase 2 which will construct a significant nature-based stormwater detention measure. The reduction in depth and frequency of flood depths on downstream structures is quantified in Attachment 11c. Flooding risk to residents along the trunkline will be significantly reduced in the final buildout condition of the Hominy Swamp Stormwater Park.

Does the mitigation activity incorporate nature-based solutions?

Yes

When will the mitigation activity take place?

Should the City of Wilson be awarded BRIC funding in summer of 2023 with funding realized by January 2024, it is anticipated that Phase 1 (demolition and design development) would commence January 2024. A more detailed project schedule is included in the Schedule section of the application; however, it is anticipated that demolition would take approximately 9 months, design and permitting would take approximately 11 months, and construction of the stormwater control device would take approximately 9 months. Therefore, it is anticipated that Phase 1 would be completed in August 2025 and Phase 2 completed by September 2026.

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

The described scope of work in Attachment 9 has been identified as the best alternative use for this property to (Goal #1) mitigate downstream flooding

alternative?

issues, (Goal #2) improve water quality in the Hominy Swamp Creek watershed, (Goal #3) create public open space within a disadvantaged community and rejuvenate economic activity in this area of the City. The primary alternative considered to (Goal #1) reduce infrastructure flooding was upgrades to the storm drainage trunkline between the existing mall property and Elizabeth Rd Outfall. This solution would be very costly for the City and invasive to the residents located along the system which travels through and along many private properties as demonstrated in the Structure Inventory section of Attachment 11c. Increasing capacity to provide measurable flood reduction would likely require easement expansion onto private properties to allow for additional runs of pipe to increase capacity. Existing system pipe diameters appear largely maximized when considering shallow depth (minimum cover) and maintaining positive slope constraints. Additionally, construction would be very challenging due to access challenges between structures, yard infrastructure, and utility service lines. While this option may provide needed additional hydraulic capacity to perform appropriately in high-intensity storm events, it would not provide any water quality benefit to the Hominy Swamp Creek watershed or reduce impervious through created public open space. Another, less-invasive alternative considered by the City were installation of decentralized stormwater retrofits and/or green infrastructure retrofits to existing systems on City-owned properties or rights-of-way within the watershed to mitigate the identified flooding issues between the existing mall and Elizabeth Rd. This area of town is characterized by residential and commercial development that is largely privately owned with few City-owned parcels. Due to the magnitude of runoff volume generated by the Wilson Mall site alone, it was quickly identified as the primary aggravator of the flooding issues experienced by downstream residents. A project focused on decentralized stormwater capture and treatment would not reasonably provide the volume reduction or peak flow attenuation required to obtain measurable flood reduction. This alternative would (Goal #2) provide stormwater quality treatment for economically disadvantaged neighborhoods in the Hominy Swamp Creek watershed, however, would not provide the reduction in infrastructure flooding needed to make the project effective. Ultimately, by implementing a large stormwater control measure on the existing mall property and removing many acres of impervious the City is able to control a significant portion of the stormwater runoff to Elizabeth Rd allowing them to achieve all three goals identified on publicly-owned property. The capacity created by this SCM will allow the City to avoid negatively impacting citizens and create an amenity to be appreciated by surrounding residents.

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?

Any maintenance associated with the open space area after demolition of the mall property will either be performed by the City of Wilson Engineering Division or a private contractor hired by the City. Maintenance of the Stormwater Park will be accomplished in a similar manner.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#4_TechnicalFeasibilityReport.pdf	01/05/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	The Technical Feasibility Report provides detailed narrative on the hydraulic and hydrologic benefit provided by the proposed project. Narrative includes modeling approach and assumptions in addition to presenting the pluvial flood reduction results from the model.	
Attachment#9_DetailedScopeOfWork.pdf	01/05/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	The Detailed Scope of Work provides a task-by-task description of scope included in the proposal and cost estimate	

Filename	Date uploaded	Uploaded by	Label	Description	Action
				for the Hominy Swamp Stormwater Park.	
Attachment#10-ProjectSchedule.pdf	01/05/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	Graphical representation of the proposed project schedule.	
Attachment#5_RiskReduction-ResilienceEffectiveness.pdf	01/05/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	Includes a narrative describing how the Hominy Swamp Stormwater Park will reduce risk to up to 27 downstream properties. Attachments include an overall drainage area map, FIRM panel map, results from the hydrologic analysis, and record of past stormwater complaints City of Wilson has received from residents of the 27 properties to benefit from the project.	
Attachment#6-Implementation Measures.pdf	01/14/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	Underlines the City of Wilson's successful track record of delivering complex capital improvement projects. Attachment outlines anticipated challenges and strategies to overcome them in addition to describing the strong labor standards that will be applied.	
Attachment#7-Population Impacted.pdf	01/14/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	The City of Wilson performed a population demographic study of residents within the direct benefitting area of the project. Results from this study are included and discussed in this attachment.	
Attachment#8_OutreachActivities.pdf	01/05/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	Describes how the City of Wilson intends to involve and interact with the community and residents throughout the implementation of the Hominy Swamp Stormwater Park project as they have on many past capital improvement projects.	
Attachment#3_HominySwampCategory4bPlan.pdf	01/03/2023	rstubbs@mcadamsco.com	Scope of Work Attachments	The City of Wilson EFA 4b Plan has been included in this application to underline how the Hominy Swamp Stormwater Park project will help achieve the water quality goals outlined in this approved watershed plan.	

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	Start Month	Task Duration (in Months)
Pre-Award – Notification of Award	1	1 months

	Task Description Anticipated date for Notification of Award is August 2023.	
Task Name Pre-Award – Federal and State Contract Negotiation	Start Month 6	Task Duration (in Months) 8 months
	Task Description Time for Federal and State Contract negotiations to occur. Have assumed Federal Contract negotiations to occur from January 2024 – June 2024. State Contract negotiations to occur from July 2024 – August 2024. Should negotiation periods take less than the assumed amount of time, the City of Wilson will be prepared to move the Notice to Proceed date up accordingly.	
Task Name Phase 1 – Site Demolition	Start Month 15	Task Duration (in Months) 9 months
	Task Description City of Wilson will engage a qualified contractor to complete demolition of the mall building and surrounding impervious areas. Estimated timeframe for demolition is to occur from October 2024 – June 2025.	
Task Name Phase 1 – Design + Permitting	Start Month 14	Task Duration (in Months) 12 months
	Task Description City of Wilson will engage a qualified design team (engineer, park planner, and landscape architect) to develop a design, perform appropriate hydrologic and hydraulic modeling, develop construction plans, guide the design of Phase 1 of the Stormwater Park through appropriate permitting, contractor bid and selection processes. Estimated timeframe for design and permitting is to occur from September 2024 – August 2025. Go/No-Go Milestones to occur within this phase to confirm technical feasibility and benefit-cost ratio of final design. See detailed schedule in Attachment 10.	
Task Name Phase 2 – Construction Phase	Start Month 22	Task Duration (in Months) 16 months
	Task Description City of Wilson will engage a qualified contractor to complete construction of the stormwater control device. Construction administration will be provided by the City or its designated representative. Estimated timeframe for construction is from May 2025 – August 2026.	
Estimate the total duration of your proposed activities (in months).		24
Proposed project start and end dates		
Start Date	2024-08-28	
End Date	2026-08-28	

Introduction

Project location	
Provide a detailed description of the proposed project's location.	The City of Wilson is located just east of I-95 in North Carolina. The Hominy Swamp Stormwater Park site more specifically, is an approximately 44-acre site located to the west of the City's downtown area bordered by NC-42 (Ward Boulevard) to the east and Tarboro Street to the south. Between the site and the downtown area lies Hominy Swamp Creek, a FEMA studied stream with regulated 1% ACF floodplain and floodway.
Latitude	35.724459
Longitude	-077.937480
Attachments	

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project benefitting area

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

The project's benefitting area will encompass the surrounding neighborhoods and especially the properties downstream of the existing mall. The community will benefit from significantly reduced property flooding (duration, severity, and frequency) resulting from the temporary runoff detention provided by the constructed SCM. Water quality benefits provided by the stormwater treatment and impervious reduction will extend throughout the Hominy Swamp Watershed and the Neuse River Basin. Citizens of the City of Wilson will also benefit as whole as another public park is created providing physical and mental health benefits. The included attachment shows residential, medical, and commercial properties within a 0.5 mile (10 minute) walk and 1 mile (20 minute) walk of the project site.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
HominySWPark-BenefittingAreaMap.pdf	01/05/2023	rstubbs@mcadamsco.com	Location project benefitting area Attachments	Exhibit shows the estimated benefitting area of the Hominy Swamp Stormwater Park.	

Project impact area

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

The project's impact area will be defined by the impact during demolition of the existing buildings construction of the stormwater control device. The buildings are set back from the surrounding roads with ample space for demolition activities to occur without significant disruption to neighboring properties or transportation corridors. Similarly, construction traffic associated with stormwater device construction will have ample space to operate within the property. Therefore, negative impact to the surrounding community is expected to be minimal.

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)? (Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.) **Yes**

Please describe how the property(ies) will be selected upon subgrant approval. (Example: Saferoom Lottery Project, Fix the Bricks Project)

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

Enter the location of the property/structure.

List of location(s) (1 location)

Status	Location ID	Address	Inventory type	Structure type	Mitigation action
✓	49209	1501 Ward Boulevard , Wilson, NC, Wilson, 27893	Building	Commercial	Acquisition

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: \$8,942,307.29

Budget type: Construction

▶	Cost type: Cost estimate	\$8,516,483.13
▶	Cost type: Management cost	\$425,824.16

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. No		<small>% Percentage</small>	<small>\$ Dollar amount</small>
	Proposed federal share	71.43	6387362.35
	Proposed non-federal share	28.57	2554944.94
		<small>Based on total budget cost:</small>	
		\$8,942,307.29	

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
▶ Funding source: City of Wilson Annual Budget (Stormwater Fund, Economic Development Fund, and General Fund)	4.92%	\$125,625.00
▶ Funding source: City of Wilson Annual Budget (Stormwater Fund, Economic Development Fund, and General Fund)	95.08%	\$2,429,319.94

Please provide any additional comments below (optional).

As this project is a Phased project, City of Wilson is prepared to have available funds to cover 30% match of Phase 1 (\$1,349,775.00) pulled from the City Stormwater Fund, City Economic Development Fund, and the City

General Fund. Funds for Phase 1 will be available by August 1, 2024 or the actual Notice to Proceed date. Funds for 30% match of Phase 2 (\$1,332,917.19) will be pulled from the City Stormwater Fund, City Economic Development Fund, and the City General Fund. Funds for Phase 2 will be available by August 1, 2025 or the actual date for Phase 2 start per the project schedule. City is committed to a total 30% match value of \$2,554,944.94. Please refer to the Match Commitment Letter for detailed breakdown.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
HominySWPark-BidTab.pdf	01/05/2023	rstubbs@mcadamsco.com	BudgetAttachments	A detailed cost estimate for both Phase 1 and Phase 2 of the proposed project. Phase 1 costs include line item demolition and design and permitting costs that align with the Detailed Scope of Work attachment. Phase 2 costs show estimated quantities and unit costs based on conceptual design and resulting construction costs.	
BRIC2022-Wilson-MatchLetter.pdf	01/14/2023	rstubbs@mcadamsco.com	BudgetAttachments	Letter demonstrating the City of Wilson's unwavering commitment to the 30% match for total project cost. Attachment also includes City Council Resolution.	

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? (\$) **16061264**

What are the total project cost? (\$) **9071816**

What is the benefit-cost ratio (BCR) for the entire project? **1.77**

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? **No**

Please provide any additional comments below (optional).

“The Census Tract that includes the project area has a Centers for Disease Control and Prevention (CDC) Social Vulnerability Index (SVI) rating among the highest in the nation: 0.96 offering the BCA waiver and further assistance from FEMA in addressing any issues found with the BCA in the NTR review. Evidence is presented in the Technical Scoring Support document.”
Demolition of the mall site and construction of a nature-based stormwater measure would allow the City greater control over stormwater runoff by implementing measures on their own property, incorporating nature-based solutions to provide greater resiliency and holistic benefits than the traditional approach of upsizing current drainage infrastructure. Additionally, construction of the stormwater measure would likely eliminate the need for

replacement of the existing system and reduce impacts to residents significantly.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#11b-BCA.pdf	01/05/2023	rstubbs@mcadamsco.com	Cost Effectiveness Attachments	A PDF version of the FEMA BCA Toolkit 6.0.	
Attachment#11c-BCA Methodology.pdf	01/05/2023	rstubbs@mcadamsco.com	Cost Effectiveness Attachments	Narrative that describes in detail each entry into the BCA Toolkit 6.0 excel file. Appendices are included to support the values and methods utilized in the BCA Toolkit 6.0.	
Attachment#11a-BCA.xlsx	01/05/2023	rstubbs@mcadamsco.com	Cost Effectiveness Attachments	FEMA BCA Toolkit 6.0 performed for the project using the detailed project costs provided in the BidTab attachment.	

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 years or more in age? **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.)

- 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)

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
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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)

The Wilson Mall property will only disturb ground once in the demolition phase of the project. The demolition will occur over approximately the 30-acre boundary of the future Water Quality Park. Appropriate demolition permits will be obtained and any hazardous materials will be handled to meet local, state and federal requirements. The Wilson Mall has stood vacant since 2013 with some businesses remaining open in the outparcel areas. The entire site has functioned as commercial development for its entirety.

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
Attachment#12_USGSQuadMap.pdf	01/03/2023	rstubbs@mcadamsco.com	involveDisturbanceOfGround.attachmentIds	An exhibit showing the project site over a USGS Quad map.	

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? **No**

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)

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? **No**

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? **No**

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)

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? **No**

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? **No**

2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation? **No**

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? **Not known**

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

As the proposed project includes demolition of many buildings that were constructed at various times since 1964, it is possible that asbestos or other hazardous construction materials may be discovered and will be handled in a manner to meet any local, state and federal requirements if found.

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**

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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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)

As discussed in more detail in Attachment 7, the property is located within an economically disadvantaged community. The demolition activities proposed are not anticipated to adversely effect the surrounding community. In addition, the final goal of the project is to establish a Stormwater Park that will provide significant green open space amenity and will enhance the quality of life and access to open space to the surrounding community.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#7-Population Impacted.pdf	01/05/2023	rstubbs@mcadamsco.com	lowIncomeMinority.attachmentIds	A demographic study of the community in the vicinity of the project site.	

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? **No**

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? **No**

Evaluation

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **Yes**

Select rating. **5**

Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **No**

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 **2015**

Please provide the building code. **International Building Code**

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

Select rating. **3**

Describe involvement of partners to enhance the mitigation activity outcome.

The City of Wilson has compiled project partners who have organizational goals and experience compatible with the proposed development of the City's first Stormwater Park. Specifically, these partners will provide broad representation and influence that will maximize project impact and success within the community. Dr. Bill Hunt from NC State University's Department of Biological and Agricultural Engineering will provide pre- and post- project stormwater runoff monitoring for various water quality parameters in addition to providing thought leadership on impactful integration of nature-based stormwater solutions. To provide community perspective and input in this initial planning phase, the City of Wilson Human Relations Commission has expressed eager commitment to this project and assisting with community outreach and education. Knowing that project benefits will extend beyond City limits, the Wilson County Soil and Water Conservation District has been identified as a potential project partner to provide technical or funding support as the proposed Stormwater Park aligns with their efforts to address flooding and stability issues along Hominy Swamp Creek. NCDOT has also been identified as a potential project partner as conversion of the Wilson Mall property to a Stormwater Park will help alleviate drainage issues with NC DOT right-of-way along NC-42 (Ward Blvd).

Discuss how anticipated future conditions are addressed by this project.

The City of Wilson, like many other communities in North Carolina, has experienced high intensity storm events with an increased frequency over the last several years. Hominy Swamp Creek is characterized by broad floodplain and is surrounded by dense urban areas that are inundated during these events. To address this public safety hazard, the City has prioritized flood mitigation projects along the Hominy Swamp Creek corridor. To better understand the response of Hominy Swamp Creek to these storm events, the City already has installed two digital Green Stream sensors located at the Raleigh Rd and Mercer St crossings that provide constant stage measurement data and have been collecting data from this system since 2020. The stream gage data coupled with rain gage stations around the City

will provide additional information, specific to this watershed, to better inform the design process. In conjunction with conversion of the Wilson Mall property into the Hominy Swamp Stormwater Park, the City has secured funding to increase flood storage volume within Hominy Swamp floodplain through stream restoration. In tandem, the Hominy Swamp Stormwater Park project and the Hominy Swamp Flood Mitigation project will provide resiliency for residents of Wilson in future high intensity storm events and further progress the City's overall strategy to mitigate future flooding and loss within the entire Hominy Swamp Creek watershed. A major benefit of the conversion of the Wilson Mall Property into a Stormwater Park is the significant reduction in impervious surface which not only reduce runoff volume from rainfall, but also will significantly increase the tree and vegetative cover, lowering surface and air temperature and aiding in cooling heat island effects currently created by the dense impervious of the mall footprint (EPA 2022). Per the NC State Climate Office's Climate Trends Plotter, the City of Wilson has a non-significant positive trend in annual average of rainfall and a neutral trend when analyzing annual average temperature from 1849 to 2020. While the Wilson Mall site is a small component of the City's overall area, it is one of largest densely impervious properties that if converted would contribute to mitigating climate change indicators such as increased rainfall and temperature.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Attachment#14-Future Conditions.pdf	01/05/2023	rstubbs@mcadamsco.com	Evaluation Attachments	Attachment describes how conversion of the densely impervious site into 26 acres of open space will provide resiliency to anticipated future conditions.	
Attachment#1_TechnicalScoringSupport.pdf	01/05/2023	rstubbs@mcadamsco.com	Evaluation Attachments	Outlines how the Hominy Swamp Stormwater Park will satisfy the Technical Scoring requirements. Exhibits include Concept Site Vision, Conceptual Layout, ISO BCEGS Letter, City of Wilson Match Commitment Letter, and CDC Social Vulnerability demographic data.	
Attachment#13_Leveraging Partners.pdf	01/05/2023	rstubbs@mcadamsco.com	Evaluation Attachments	Attachment provides identified project partners who will be included in the successful delivery of the Hominy Swamp Stormwater Park project.	

Comments & attachments

- ▶ **Community** **0 comment, 1 attachments**
- ▶ **Mitigation plan** **1 comment, 1 attachments**
- ▶ **Scope of work** **0 comment, 8 attachments**
- ▶ **Budget** **1 comment, 2 attachments**
- ▶ **Cost-effectiveness** **1 comment, 3 attachments**
- ▶ **Evaluation** **0 comment, 3 attachments**

▶ **Environmental/Historic Preservation (EHP)**

0 comment, 2 attachments

▶ **Location**

0 comment, 1 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 (F.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.