

Action Plan

Grantee: West Virginia

Grant: B-18-DP-54-0001

LOCCS Authorized Amount:	\$ 106,494,000.00
Grant Award Amount:	\$ 106,494,000.00
Status:	Modified - Resubmit When Ready

Estimated PI/RL Funds:

Total Budget:	\$ 106,494,000.00
----------------------	-------------------

Funding Sources

No Funding Sources Found

Narratives

Mitigation Needs Assessment:

The Mitigation Needs Assessment utilizes the findings of West Virginia's 2018 Statewide Hazard Mitigation Plan (SHMP), regional and local mitigation plans, data and research acquired from additional resources including but not limited to, National Centers for Environmental Information, US Department of Homeland Security's Homeland Infrastructure Foundation-Level Data. Throughout this assessment, the State cites relevant data sources (84 FR 45847).

In preparation of this Mitigation Needs Assessment, the State also consulted with other jurisdictions, the private sector, and other government agencies, including State and local emergency management agencies that have primary responsibility for the administration of FEMA mitigation funds (84 FR 45840). This The Mitigation Needs Assessment utilizes the findings of West Virginia's 2018 Statewide Hazard Mitigation Plan (SHMP), regional and local mitigation plans, data and research acquired from additional resources including but not limited to, National Centers for Environmental Information, US Department of Homeland Security's Homeland Infrastructure Foundation-Level Data. Throughout this assessment, the State cites relevant data sources (84 FR 45847). This collaboration with multiple stakeholders and analysis of various data sources was key to ensuring a comprehensive analysis of the hazards addressed here and subsequent mitigation measures to be implemented to reduce or eliminate the substantial risk of loss of life, injury, damage and loss of property, along with suffering and hardship.

The State consulted with the West Virginia Division of Emergency Management (EMD), regional planning commissions, the private sector, and other governmental agencies to provide a multihazard risk-based mitigation needs assessment for the eligible counties. The data suggests that based on the total number of high-ranking hazards in each of West Virginia's county local hazard mitigation plans, the top risks impacting the state in order are flooding, winter weather, and severe storms. Based on the findings of West Virginia Mitigation Needs Assessment (MNA) there is a high demand and need for the implementation of infrastructure mitigation projects that will improve resiliency to hazard impacts, such as flooding. Addressing the mitigation needs of West Virginia requires the continued fostering of a culture of preparedness and the provision of tools for



proper planning. A limitation that was noted in both the State’s 2018 Hazard Mitigation Plan, and each of the regional planning council’s mitigation plans was that availability, standardization, or access to data related to historical or future risk for several hazards did not exist or was difficult to find. While the State has made great strides through HMGP funding to produce web mapping tools, local level analysis across many hazards varies in availability and consistency across the state. Planning studies in coordination with groups such as state agencies, federal agencies, universities, and regional planning councils, to better identify hazard risks, impacts, and subsequent mitigation measures, can serve as a valuable use of mitigation funds.

Proposed Use of Funds:

Proposed Use of Funds:

Based on the findings of West Virginia Mitigation Needs Assessment (MNA) there is a high demand and need for the implementation of infrastructure mitigation projects that will improve resiliency to hazard impacts, such as flooding. Considering this data-driven analysis along with stakeholder and community input, WVDO is proposing the following CDBG-MIT programs that will work to achieve the goals of risk reduction and increased resilience:

1. General Infrastructure – This program will provide funding opportunities for local governments and state agencies to develop large-scale mitigation activities that allow communities to better withstand future disasters. Projects may include the rehabilitation of critical infrastructure; rehabilitation or construction of stormwater management systems; improving or installing retention basins; relocating water lines; culvert improvements; and green infrastructure.
2. Public Facility Hardening – This program will assist local governments and state agencies with hardening public This includes all critical public facilities such as potable water facilities, wastewater treatment facilities, public shelters, fire and police stations, medical centers, etc. CDBG-MIT funds will allow local communities to fund previously identified public facility mitigation needs and/or identify public facility mitigation needs that will harden the facility and reduce or eliminate damages and loss of life and property.
3. Regional and Local Planning – This program will make competition-based allocations to local governments and other eligible applicants to cover a wide variety of planning activities related to local and regional mitigation needs.
4. Hazard Mitigation Plans - West Virginia will use funding to update and develop a Hazard Mitigation Plan (HMP) or enhanced HMP. FEMA approval of the enhanced HMP would make the state eligible for assistance up to 20 percent for estimated aggregate amounts of a disaster. This State plan would serve as the framework for local hazard mitigation plans within the state. CDBG-MIT funds will also be used for these local planning efforts managed by the five Regional Planning and Development Councils (RPDCs) found within the HUD and State MID areas.
5. State Planning - The State may select and execute planning studies in coordination with groups such as state agencies, federal agencies, universities, regional planning groups, to conduct studies with CDBG-MIT funds. Studies and planning efforts may be identified through local community input, including public meetings, requests for information, or surveys. Communities may recommend studies to be completed, but these planning funds will be administered by the State. State planning funds may also be used for capacity building at the state and local level.

Project Summary

Project #	Project Title	Grantee Activity #	Activity Title	Grantee Program
9999	Restricted Balance	<i>No activities in this project</i>		
Administration	Administration	State Administration	State Administration	
Infrastructure1	General Infrastructure	General Infrastructure1	General Infrastructure NMID LMA	
		General Infrastructure2	General Infrastructure MID LMA	



		General Infrastructure3	General Infrastructure NMID UN
		General Infrastructure4	General Infrastructure MID UN
Infrastructure2	Public Facility Hardening	General Infrastructure1	Public Facility Hardening MID LMA
		Infrastructure	Public Facility Hardening NMID UN
			Public Facility Hardening NMID LMA
			Public Facility Hardening MID UN
Planning1	State Planning	State Planning1	State Planning
Planning2	Regional and Local Planning	Regional and Local Planning	Regional and Local Planning MID
		Regional and Local Planning2	Regional and Local Planning NMID
Planning3	Regional Hazard Mitigation Plans	Hazard Mitigation Plans2	Hazard Mitigation Plans RPDC 4 Planning
			Hazard Mitigation Plans RPDC 2 Planning
		Hazard Mitigation Plans3	Hazard Mitigation Plans RPDC 5 Planning
		Hazard Mitigation Plans4	Hazard Mitigation Plans RPDC 3 Planning
		Hazard Mitigation Plans5	Hazard Mitigation Plans RPDC 1 Planning

Activities

Project # / Administration / Administration

Grantee Activity Number: State Administration
Activity Title: State Administration

Activity Type:

Administration

Project Number:

Administration

Projected Start Date:

01/13/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

01/13/2033

Project Draw Block Date by HUD:

Activity Draw Block Date by HUD:

01/14/2033 by Steven Edwards

Total Budget: \$ 5,324,700.00

Most Impacted and Distressed Budget: \$ 2,662,350.00

Other Funds: \$ 0.00

Total Funds: \$ 5,324,700.00

Proposed budgets for organizations carrying out Activity:

Responsible Organization

West Virginia Development Office

Organization Type

State

Proposed Budget

\$ 5,324,700.00

Location Description:

Clay, Greenbrier, Kanawha, Nicholas, Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

In accordance with the Federal Register, WVDO's aggregate total for administrative expenditures will not exceed 5% of its total grant (plus any program income). Accordingly, the State is allocating a budget of 5% (\$5,324,700) to cover the costs of administering the CDBG-MIT grant for the 12 year grant period as well as



closeout and monitoring period.

Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents:

Document State Planning and Admin ER.pdf

Project # / Infrastructure1 / General Infrastructure



Grantee Activity Number: General Infrastructure1
Activity Title: General Infrastructure NMID LMA

Activity Type:
 MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
 Infrastructure1

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:
 Under Way

Project Title:
 General Infrastructure

Projected End Date:
 01/13/2031

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 22,042,325.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 22,042,325.00

Benefit Report Type:
 Area Benefit (Census)

Proposed Accomplishments

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service
- % reduction in energy costs

Total



- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities**
- # of buildings (non-residential) 3**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 22,042,325.00

Location Description:

Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

The GIP will account for 67.8% of the total CDBG-MIT grant funding. It is the broadest, most flexible program, and is anticipated to provide the greatest range of impact among the proposed programs. The GIP will fund large-scale and high-impact local, multi-jurisdictional, and regional investments. Eligible projects may include upgrading of water, sewer, solid waste, communications, energy, transportation, health and medical and other public infrastructure projects to reduce the hazard risks identified in the Mitigation Needs Assessment portion of this Action Plan. General Infrastructure dollars will allow local and regional units of government to address their most pressing hazard mitigation needs and will require subgrantee applicants to document how their proposed projects will meet or exceed hazard reduction needs of their most vulnerable citizens and identify which critical lifelines are protected by each proposed project. Other considerations such as multi-use facilities and natural infrastructure components will be encouraged through the subgrantee application process described herein. Additionally, per Federal Register Notice FR-6109-N-02J, CDBG-MIT funds can be used to meet a matching requirement, share or contribution for other federal grant programs if they are used to carry out an eligible mitigation activity.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: General Infrastructure2
Activity Title: General Infrastructure MID LMA

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure1

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:
Under Way

Project Title:
General Infrastructure

Projected End Date:
01/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 22,042,325.00

Most Impacted and Distressed Budget: \$ 22,042,325.00

Other Funds: \$ 0.00

Total Funds: \$ 22,042,325.00

Benefit Report Type:
Area Benefit (Census)

Proposed Accomplishments

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service
- % reduction in energy costs

Total



- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding** 3
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities** 3
- # of buildings (non-residential)**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization

West Virginia Development Office

Organization Type

State

Proposed Budget

\$ 22,042,325.00

Location Description:

Clay, Greenbrier, Kanawha, Nicholas

Activity Description:

The GIP will account for 67.8% of the total CDBG-MIT grant funding. It is the broadest, most flexible program, and is anticipated to provide the greatest range of impact among the proposed programs. The GIP will fund large-scale and high-impact local, multi-jurisdictional, and regional investments. Eligible projects may include upgrading of water, sewer, solid waste, communications, energy, transportation, health and medical and other public infrastructure projects to reduce the hazard risks identified in the Mitigation Needs Assessment portion of the Action Plan. General Infrastructure dollars will allow local and regional units of local government to address their most pressing hazard needs and will require subgrantees/applicants to document how their proposed projects will meet or exceed hazard reduction needs of their most vulnerable citizens and identify which critical lifelines are protected by each project/proposed project. Other considerations such as multi-use facilities and natural infrastructure components will be encouraged through the subgrantee application process described herein. Additionally, per Federal Register Notice FR-6109-N--02J, CDBG-MIT funds can be used to carry out an eligible mitigation activity. 50% of funding will be spent in the MID counties and serve low to moderate income persons.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: General Infrastructure3
Activity Title: General Infrastructure NMID UN

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure1

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Activity Status:
Under Way

Project Title:
General Infrastructure

Projected End Date:
02/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 14,042,325.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 14,042,325.00

Benefit Report Type:
Area Benefit (Census)

Proposed Accomplishments

Total

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed 3
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service



- % reduction in energy costs**
- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities**
- # of buildings (non-residential)**

3

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 14,042,325.00

Location Description:

Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

The GIP will account for 67.8% of the total CDBG-MIT grant funding. It is the broadest, most flexible program, and is anticipated to provide the greatest range of impact among the proposed programs. The GIP will fund large-scale and high-impact local, multi-jurisdictional, and regional investments. Eligible projects may include upgrading of water, sewer, solid waste, communications, energy, transportation, health and medical and other public infrastructure projects to reduce the hazard risks identified in the Mitigation Needs Assessment portion of this Action Plan. General Infrastructure dollars will allow local and regional units of government to address their most pressing hazard mitigation needs and will require subgrantee applicants to document how their proposed projects will meet or exceed hazard reduction needs of their most vulnerable citizens and identify which critical lifelines are protected by each proposed project. Other considerations such as multi-use facilities and natural infrastructure components will be encouraged through the subgrantee application process described herein. Additionally, per Federal Register Notice FR-6109-N-02J, CDBG-MIT funds can be used to meet a matching requirement, share or contribution for other federal grant programs if they are used to carry out an eligible mitigation activity.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: General Infrastructure4
Activity Title: General Infrastructure MID UN

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure1

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Activity Status:
Under Way

Project Title:
General Infrastructure

Projected End Date:
01/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 14,042,325.00

Most Impacted and Distressed Budget: \$ 14,042,325.00

Other Funds: \$ 0.00

Total Funds: \$ 14,042,325.00

Benefit Report Type:
NA

Proposed Accomplishments

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service

Total



% reduction in energy costs
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
 % decrease in disruption hours to residents and businesses from impacts of
 % decrease in area inundated by flooding
 % decrease in affluent discharged
 % reduction in emergency maintenance costs
 # of water control structures repaired/replaced
 # of pump stations repaired/replaced
 # of linear feet of stream restored
 # of containment systems constructed
 # of brownfield acres converted to wetland
 # of acres with improved multiple hazard risk mapping
 # of acres of native vegetation planted
 # of residents protected from future flooding
 # of properties protected from future flooding
 # of acres green space preserved
 # of acres green space created
 # of vacant lots repurposed
 # occupied structures in floodplain
 # linear feet of streams restored
 # acres of wetlands created
 \$ estimated flood loss avoidance
 # of linear feet of trails constructed
 # of greenspace users
 \$ Funds allocated for water-quality improvements
 \$ Funds allocated for water management/flood mitigation improvements
 % reduction of watershed nitrate loading
 # of Elevated Structures 3
 # of Linear Feet of Water Lines
 # of Linear Feet of Sewer Lines
 # of Linear miles of Public Improvement
 # of Linear feet of Public Improvement
 # of Non-business Organizations benefitting
 # of public facilities 3
 # of buildings (non-residential)



Proposed budgets for organizations carrying out Activity:

Responsible Organization

West Virginia Development Office

Organization Type

State

Proposed Budget

\$ 14,042,325.00

Location Description:

Clay, Greenbrier, Kanawha, Nicholas

Activity Description:

The GIP will account for 67.8% of the total CDBG-MIT grant funding. It is the broadest, most flexible program, and is anticipated to provide the greatest range of impact among the proposed programs. The GIP will fund large-scale and high-impact local, multi-jurisdictional, and regional investments. Eligible projects may include upgrading of water, sewer, solid waste, communications, energy, transportation, health and medical and other public infrastructure projects to reduce the hazard risks identified in the Mitigation Needs Assessment portion of this Action Plan. General Infrastructure dollars will allow local and regional units of government to address their most pressing hazard mitigation needs and will require subgrantee applicants to document how their proposed projects will meet or exceed hazard reduction needs of their most vulnerable citizens and identify which critical lifelines are protected by each proposed project. Other considerations such as multi-use facilities and natural infrastructure components will be encouraged through the subgrantee application process described herein. Additionally, per Federal Register Notice FR-6109-N-02J, CDBG-MIT funds can be used to meet a matching requirement, share or contribution for other federal grant programs if they are used to carry out an eligible mitigation activity. 50% of the funding will be spent in the MID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / Infrastructure2 / Public Facility Hardening



Grantee Activity Number: General Infrastructure1
Activity Title: Public Facility Hardening MID LMA

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure2

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:
Under Way

Project Title:
Public Facility Hardening

Projected End Date:
02/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 4,582,175.00

Most Impacted and Distressed Budget: \$ 4,582,175.00

Other Funds: \$ 0.00

Total Funds: \$ 4,582,175.00

Benefit Report Type:
Area Benefit (Census)

Proposed Accomplishments

Total

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service
- % reduction in energy costs



- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities** 1
- # of buildings (non-residential)**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 4,582,175.00

Location Description:

Clay, Greenbrier, Nicholas, Kanawha

Activity Description:

The PFHP will allow eligible entities (municipalities, counties, state agencies, RPDCs, Public Service Districts; nonprofit entities may partner with government entities as co-applicants) to harden public buildings that serve a public safety purpose for local communities. This program will enable local police, fire, shelters and local emergency management facilities and other designated public facilities to better withstand the effects of the previously identified hazard risks. Examples of hardening against flood, winter weather, and severe storms include, but are not limited to, dry flood proofing, wet flood proofing, anchoring roof-mounted heating, shelters, ventilation, and air conditioning units and retrofitting building exteriors with hazard-resistant materials in accordance with national safety standards. The hardening program will also encompass energy resiliency projects that help ensure that the most critical facilities in West Virginia's communities have access to power throughout and following an emergency when local sources of power are down. 50% of funding will be spent in the MID counties and serve low to moderate income persons.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: Infrastructure
Activity Title: Public Facility Hardening NMID LMA

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure2

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Low/Mod: Benefit to low- and moderate-income persons/families

Activity Status:
Under Way

Project Title:
Public Facility Hardening

Projected End Date:
01/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 4,580,175.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 4,580,175.00

Benefit Report Type:
Area Benefit (Census)

Proposed Accomplishments

Total

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service
- % reduction in energy costs



- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities** 1
- # of buildings (non-residential)**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 4,580,175.00

Location Description:

Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

The PFHP will allow eligible entities (municipalities, counties, state agencies, RPDCs, Public Service Districts; nonprofit entities may partner with government entities as co-applicants) to harden public buildings that serve a public safety purpose for local communities. This program will enable local police, fire, shelters and local emergency management facilities and other designated public facilities to better withstand the effects of the previously identified hazard risks. Examples of hardening against flood, winter weather, and severe storms include, but are not limited to, dry flood proofing, wet flood proofing, anchoring roof-mounted heating, shelters, ventilation, and air conditioning units and retrofitting building exteriors with hazard-resistant materials in accordance with national safety standards. The hardening program will also encompass energy resiliency projects that help ensure that the most critical facilities in West Virginia's communities have access to power throughout and following an emergency when local sources of power are down.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Grantee Activity Number: Infrastructure
Activity Title: Public Facility Hardening NMID UN

Activity Type:
 MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
 Infrastructure2

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Activity Status:
 Under Way

Project Title:
 Public Facility Hardening

Projected End Date:
 01/13/2031

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 2,417,825.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 2,417,825.00

Benefit Report Type:
 Area Benefit (Census)

Proposed Accomplishments

Total

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service



- % reduction in energy costs**
- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities** 1
- # of buildings (non-residential)**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 2,417,825.00

Location Description:

Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

The PFHP will allow eligible entities (municipalities, counties, state agencies, RPDCs, Public Service Districts; nonprofit entities may partner with government entities as co-applicants) to harden public buildings that serve a public safety purpose for local communities. This program will enable local police, fire, shelters and local emergency management facilities and other designated public facilities to better withstand the effects of the previously identified hazard risks. Examples of hardening against flood, winter weather, and severe storms include, but are not limited to, dry flood proofing, wet flood proofing, anchoring roof-mounted heating, shelters, ventilation, and air conditioning units and retrofitting building exteriors with hazard-resistant materials in accordance with national safety standards. The hardening program will also encompass energy resiliency projects that help ensure that the most critical facilities in West Virginia's communities have access to power throughout and following an emergency when local sources of power are down.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Grantee Activity Number: Infrastructure
Activity Title: Public Facility Hardening MID UN

Activity Type:
MIT - Public Facilities and Improvements-Non Covered Projects

Project Number:
Infrastructure2

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Urgent Need Mitigation: Activities funded with the CDBG-MIT grant that result in measurable and verifiable reductions in the risk of loss of life and property from future disasters and yield community development benefits

Activity Status:
Under Way

Project Title:
Public Facility Hardening

Projected End Date:
01/13/2031

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 2,419,825.00

Most Impacted and Distressed Budget: \$ 2,419,825.00

Other Funds: \$ 0.00

Total Funds: \$ 2,419,825.00

Benefit Report Type:
Area Benefit (Census)

Proposed Accomplishments

- % decrease in NFIP CRS score
- # of storm water projects implemented
- # of small water retention devices/systems installed
- # of reduced hours streets are flooded
- # of linear feet of shoreline restored
- # cubic feet of stormwater storage added
- # of non-invasive species trees planted on project sites
- # acres of newly added or improved green space
- # of properties with access above 100-yr flood level
- # of fewer outages of critical facilities and utilities
- # of acres no longer vulnerable to flood events
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level
- % reduction of sanitary sewer overflows
- % reduction in loss of service

Total



- % reduction in energy costs**
- % increase in pumping capacity**
- % increase in number of acres converted to open space**
- % increase in groundwater infiltration**
- % increase in acres of cropland protected from flooding**
- % decrease water surface elevation level during a flood with a qualifying event**
- % decrease in road closures in target area during a flood event**
- % decrease in disruption hours to residents and businesses from impacts of**
- % decrease in area inundated by flooding**
- % decrease in affluent discharged**
- % reduction in emergency maintenance costs**
- # of water control structures repaired/replaced**
- # of pump stations repaired/replaced**
- # of linear feet of stream restored**
- # of containment systems constructed**
- # of brownfield acres converted to wetland**
- # of acres with improved multiple hazard risk mapping**
- # of acres of native vegetation planted**
- # of residents protected from future flooding**
- # of properties protected from future flooding**
- # of acres green space preserved**
- # of acres green space created**
- # of vacant lots repurposed**
- # occupied structures in floodplain**
- # linear feet of streams restored**
- # acres of wetlands created**
- \$ estimated flood loss avoidance**
- # of linear feet of trails constructed**
- # of greenspace users**
- \$ Funds allocated for water-quality improvements**
- \$ Funds allocated for water management/flood mitigation improvements**
- % reduction of watershed nitrate loading**
- # of Elevated Structures**
- # of Linear Feet of Water Lines**
- # of Linear Feet of Sewer Lines**
- # of Linear miles of Public Improvement**
- # of Linear feet of Public Improvement**
- # of Non-business Organizations benefitting**
- # of public facilities** 1
- # of buildings (non-residential)**

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization

West Virginia Development Office

Organization Type

State

Proposed Budget

\$ 2,419,825.00

Location Description:

Clay, Greenbrier, Nicholas, Kanawha

Activity Description:

The PFHP will allow eligible entities (municipalities, counties, state agencies, RPDCs, Public Service Districts; nonprofit entities may partner with government entities as co-applicants) to harden public buildings that serve a public safety purpose for local communities. This program will enable local police, fire, shelters and local emergency management facilities and other designated public facilities to better withstand the effects of the previously identified hazard risks. Examples of hardening against flood, winter weather, and severe storms include, but are not limited to, dry flood proofing, wet flood proofing, anchoring roof-mounted heating, shelters, ventilation, and air conditioning units and retrofitting building exteriors with hazard-resistant materials in accordance with national safety standards. The hardening program will also encompass energy resiliency projects that help ensure that the most critical facilities in West Virginia's communities have access to power throughout and following an emergency when local sources of power are down. 50% of the funding will be spent in the MID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / Planning1 / State Planning



Grantee Activity Number: State Planning1
Activity Title: State Planning

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning1

Projected Start Date:

01/13/2021

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

NA

Activity Status:

Under Way

Project Title:

State Planning

Projected End Date:

01/13/2033

Project Draw Block Date by HUD:

01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:

01/14/2033 by Steven Edwards

Total Budget:

\$ 6,500,000.00

Most Impacted and

Distressed Budget:

\$ 3,250,000.00

Other Funds:

\$ 0.00

Total Funds:

\$ 6,500,000.00

Proposed budgets for organizations carrying out Activity:

Responsible Organization

West Virginia Development Office

Organization Type

State

Proposed Budget

\$ 6,500,000.00

Location Description:

Clay, Greenbrier, Kanawha, and Nicholas, Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

In accordance with the Federal Register, WVDO's aggregate total for administrative planning and administrative costs combined may not exceed 20%, with administrative funds capped at 5%. Because the State is allocating its full 5% to the cost of administering the CDBG-MIT grant, the State has 15% remaining for planning activities.

At this time, the State wishes to only allocate 6.1% to state-level planning activities. In total, the planning programs described in the previous section allocate a combined 8%, and the State will retain the 6.1% (totaling 14.1% for planning; 5% for administration). Activities the State may undertake with its planning allocation include but are not limited Action Plan writing and amendments, capacity support for the State's Resiliency Office (SRO), funding for the update of the State Hazard Mitigation Plan, and coordination of a State wide data collection system for the WVCAD office to centralize risk and hazard data.



Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents:

Document State Planning and Admin ER.pdf

Project # / Planning2 / Regional and Local Planning



Grantee Activity Number:	Regional and Local Planning
Activity Title:	Regional and Local Planning MID

Activity Type:
MIT - Planning and Capacity Building

Project Number:
Planning2

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
NA

Activity Status:
Under Way

Project Title:
Regional and Local Planning

Projected End Date:
01/13/2033

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 3,000,000.00

Most Impacted and Distressed Budget: \$ 3,000,000.00

Other Funds: \$ 0.00

Total Funds: \$ 3,000,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products 8
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 3,000,000.00

Location Description:

Clay, Greenbrier, Kanawha, Nicholas

Activity Description:

The Regional and Local Grant Program (RLPG program) will provide funding opportunities for variety of regional and local mitigation planning efforts, including for local capacity building. WVDO recognizes that planning is an important aspect of mitigation and that not all UGLGs have access to full-time planning staff nor the resources to contract studies that would help local communities better understand their vulnerabilities. The creation of this program seeks to address this gap, as well as aims to build local capacity to better plan for impactful projects that may be funded through the GIP and PFGP programs outlined above. Proposed planning efforts are encouraged to address the limited availability, standardization, or access to data related to historical or future risk for several hazards as noted in the mitigation needs assessment.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number:	Regional and Local Planning2
Activity Title:	Regional and Local Planning NMID

Activity Type:
MIT - Planning and Capacity Building

Project Number:
Planning2

Projected Start Date:
01/13/2021

Project Draw Block by HUD:
Not Blocked

Activity Draw Block by HUD:
Not Blocked

Block Drawdown By Grantee:
Blocked by Sherry Risk

National Objective:
Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
NA

Activity Status:
Under Way

Project Title:
Regional and Local Planning

Projected End Date:
01/13/2033

Project Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
01/14/2033 by Steven Edwards

Total Budget: \$ 3,000,000.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 3,000,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products 8
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 3,000,000.00

Location Description:

Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster

Activity Description:

The Regional and Local Grant Program (RLPG program) will provide funding opportunities for variety of regional and local mitigation planning efforts, including for local capacity building. WVDO recognizes that planning is an important aspect of mitigation and that not all UGLGs have access to full-time planning staff nor the resources to contract studies that would help local communities better understand their vulnerabilities. The creation of this program seeks to address this gap, as well as aims to build local capacity to better plan for impactful projects that may be funded through the GIP and PFGP programs outlined above. Proposed planning efforts are encouraged to address the limited availability, standardization, or access to data related to historical or future risk for several hazards as noted in the mitigation needs assessment.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / Planning3 / Regional Hazard Mitigation Plans



Grantee Activity Number: Hazard Mitigation Plans2
Activity Title: Hazard Mitigation Plans RPDC 4 Planning

Activity Type:
 MIT - Planning and Capacity Building

Project Number:
 Planning3

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
 NA

Activity Status:
 Under Way

Project Title:
 Regional Hazard Mitigation Plans

Projected End Date:
 01/13/2033

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 625,000.00

Most Impacted and Distressed Budget: \$ 625,000.00

Other Funds: \$ 0.00

Total Funds: \$ 625,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total

2



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 625,000.00

Location Description:

Regional plans will serve Fayette, Nicholas, Webster, Pocahontas, and Greenbrier.

Activity Description:

To provide continued support to eligible Regional Planning Development Councils (RPDCs), the State will provide non-competitive direct grants for Hazard Mitigation Plan updates. This will occur on a rolling basis as the plan expire. There are five RPDCs that operate in the HUD and State MID areas; these RPDCs will be eligible for grants under this program. Additionally, the State may reserve funds under this program to update its State Hazard Mitigation Plan as related to the 12 HUD and State MID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: Hazard Mitigation Plans2
Activity Title: Hazard Mitigation Plans RPDC 2 Planning

Activity Type:
 MIT - Planning and Capacity Building

Project Number:
 Planning3

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
 NA

Activity Status:
 Under Way

Project Title:
 Regional Hazard Mitigation Plans

Projected End Date:
 01/13/2033

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 500,000.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 500,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total

2



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products 2
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 500,000.00

Location Description:

Regional Plan will serve Mason.

Activity Description:

To provide continued support to eligible Regional Planning Development Councils (RPDCs), the State will provide non-competitive direct grants for Hazard Mitigation Plan updates. This will occur on a rolling basis as the plan expire. There are five RPDCs that operate in the HUD and State MID areas; these RPDCs will be eligible for grants under this program. Additionally, the State may reserve funds under this program to update its State Hazard Mitigation Plan as related to the 12 HUD and State MID counties. 50% of the funding will benefit the nonMID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: Hazard Mitigation Plans3
Activity Title: Hazard Mitigation Plans RPDC 5 Planning

Activity Type:
 MIT - Planning and Capacity Building

Project Number:
 Planning3

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
 NA

Activity Status:
 Under Way

Project Title:
 Regional Hazard Mitigation Plans

Projected End Date:
 01/13/2033

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 375,000.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 375,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total

2



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 375,000.00

Location Description:

Region plan serving Roane and Jackson.

Activity Description:

To provide continued support to eligible Regional Planning Development Councils (RPDCs), the State will provide non-competitive direct grants for Hazard Mitigation Plan updates. This will occur on a rolling basis as the plan expire. There are five RPDCs that operate in the HUD and State MID areas; these RPDCs will be eligible for grants under this program. Additionally, the State may reserve funds under this program to update its State Hazard Mitigation Plan as related to the 12 HUD and State MID counties. Funding will benefit nonMID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: Hazard Mitigation Plans4
Activity Title: Hazard Mitigation Plans RPDC 3 Planning

Activity Type:
 MIT - Planning and Capacity Building

Project Number:
 Planning3

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
 NA

Activity Status:
 Under Way

Project Title:
 Regional Hazard Mitigation Plans

Projected End Date:
 01/13/2033

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 625,000.00
Most Impacted and Distressed Budget: \$ 625,000.00
Other Funds: \$ 0.00
Total Funds: \$ 625,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total

2



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 625,000.00

Location Description:

Regional plan serving Kanawha and Clay.

Activity Description:

To provide continued support to eligible Regional Planning Development Councils (RPDCs), the State will provide non-competitive direct grants for Hazard Mitigation Plan updates. This will occur on a rolling basis as the plan expire. There are five RPDCs that operate in the HUD and State MID areas; these RPDCs will be eligible for grants under this program. Additionally, the State may reserve funds under this program to update its State Hazard Mitigation Plan as related to the 12 HUD and State MID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: Hazard Mitigation Plans5
Activity Title: Hazard Mitigation Plans RPDC 1 Planning

Activity Type:
 MIT - Planning and Capacity Building

Project Number:
 Planning3

Projected Start Date:
 01/13/2021

Project Draw Block by HUD:
 Not Blocked

Activity Draw Block by HUD:
 Not Blocked

Block Drawdown By Grantee:
 Blocked by Sherry Risk

National Objective:
 Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:
 NA

Activity Status:
 Under Way

Project Title:
 Regional Hazard Mitigation Plans

Projected End Date:
 01/13/2033

Project Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Activity Draw Block Date by HUD:
 01/14/2033 by Steven Edwards

Total Budget: \$ 375,000.00
Most Impacted and Distressed Budget: \$ 0.00
Other Funds: \$ 0.00
Total Funds: \$ 375,000.00

Proposed Accomplishments

- # of revised zoning codes incorporating resiliency adopted
- % of survey respondents with an increased understanding of flood risks and
- # of Stormwater Management Zoning Ordinances adopted
- # of Hazard Mitigation Plans prepared
- # of floodplain design standards updated
- # of resilience planning recommendations implemented
- # of public education meetings
- # of acres with improved multiple hazard risk mapping
- # of planning studies and initiatives completed
- # of persons at resilience meetings
- # of local laws passed
- # of entities at resilience meetings
- # of ecological actions identified
- # of plans adopted
- # of resilience plans created
- # jurisdictions with enacted resiliency plans/ordinances
- # of climate action plans completed

Total

2



- # of water management/flood plans completed
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- # of community engagement meetings/events
- # of Plans or Planning Products
- # of Non-business Organizations benefitting

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
West Virginia Development Office	State	\$ 375,000.00

Location Description:

Regional plan serving Summers and Monroe.

Activity Description:

To provide continued support to eligible Regional Planning Development Councils (RPDCs), the State will provide non-competitive direct grants for Hazard Mitigation Plan updates. This will occur on a rolling basis as the plan expire. There are five RPDCs that operate in the HUD and State MID areas; these RPDCs will be eligible for grants under this program. Additionally, the State may reserve funds under this program to update its State Hazard Mitigation Plan as related to the 12 HUD and nonMID counties.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Action Plan History

Version	Date
B-18-DP-54-0001 AP#2	04/23/2021
B-18-DP-54-0001 AP#1	04/22/2021



