

Grantee: West Virginia

Grant: B-18-DP-54-0001

October 1, 2023 thru December 31, 2023

Grant Number:

B-18-DP-54-0001

Obligation Date:**Award Date:****Grantee Name:**

West Virginia

Contract End Date:

01/13/2033

Review by HUD:

Submitted - Await for Review

Grant Award Amount:

\$106,494,000.00

Grant Status:

Active

QPR Contact:

Ryan Halsey

LOCCS Authorized Amount:

\$106,494,000.00

Estimated PI/RL Funds:**Total Budget:**

\$106,494,000.00

Disasters:

Declaration Number

FEMA-4273-WV

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.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$106,494,000.00
Total Budget	\$0.00	\$106,494,000.00
Total Obligated	\$0.00	\$73,009,025.00
Total Funds Drawdown	\$238,783.70	\$2,884,929.13
Program Funds Drawdown	\$238,783.70	\$2,884,929.13
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$238,783.70	\$2,884,929.13
HUD Identified Most Impacted and Distressed	\$770,526.61	\$770,526.61
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
ALDERSON, TOWN OF	\$ 102,000.00	\$ 559,670.48
RUPERT, TOWN OF	\$ 0.00	\$ 0.00
SPENCER, CITY OF	\$ 0.00	\$ 331,934.81
SUMMERSVILLE, CITY OF	\$ 0.00	\$ 22,000.00



Spencer	\$ 0.00	\$ 0.00
TOWN OF ADDISON	\$ 0.00	\$ 267,876.67
Town of Marlinton	\$ 0.00	\$ 22,937.50
Town of Rainelle	\$ 0.00	\$ 0.00
WEBSTER, COUNTY OF	\$ 0.00	\$ 0.00
West Virginia Development Office	\$ 42,617.82	\$ 797,481.49
White Sulphur Springs, City of	\$ 0.00	\$ 0.00
CITY OF HINTON	\$ 0.00	\$ 66,499.31
CRAIGSVILLE PUBLIC SERVICE DISTRICT	\$ 0.00	\$ 0.00
LEWISBURG, CITY OF	\$ 29,566.51	\$ 46,066.51
MARSHALL UNIVERSITY RESEARCH CORPORATION	\$ 64,599.37	\$ 287,499.38
Mid-Ohio Valley Regional Council	\$ 0.00	\$ 44,816.49
OAK HILL, CITY OF	\$ 0.00	\$ 145,360.26
REGION 4 PLANNING AND DEVELOPMENT COUNCIL	\$ 0.00	\$ 209,536.23
RONCEVERTE, CITY OF	\$ 0.00	\$ 83,250.00

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	74.70%	.88%
Overall Benefit Amount	\$47,272,150.00	\$70,623,950.00	\$834,608.55
Limit on Public Services	\$15,974,100.00	\$ 0.00	\$ 0.00
Limit on Admin/Planning	\$21,298,800.00	\$11,949,700.00	\$1,385,400.10
Limit on Admin	\$5,324,700.00	\$5,319,700.00	\$255,999.69
Most Impacted and Distressed	\$53,247,000.00	\$58,325,050.00	\$770,526.61

Overall Progress Narrative:

This Quarterly Progress Report (QPR) is the 11th published for grant number B-18-DP-54-0001. The West Virginia Community Advance and Development Office (WVCAD), a division of the West Virginia Department of Economic Development (WVDED), will discuss its progress between October 1st, 2023, and December 31st, 2023, in the QPR below. The efforts of the State of West Virginia reflect a grant received from the U.S. Department of Housing and Urban Development (HUD) to help mitigate risks associated with the natural flooding disaster that occurred in June 2016.

On August 30th, 2019, the State received an allocation of \$106,494,000 in Community Development Block Grant - Mitigation (CDBG-MIT) funds to fortify resiliency measures to decrease the impact of future flooding events and other natural hazards in the following counties: Clay, Greenbrier, Kanawha, Nicholas, Fayette, Jackson, Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster with a requirement of \$53,247,000 to be spent in the Most Impacted and Distressed (MID) Counties to include Kanawha, Greenbrier, Nicholas and Clay.

As of December 31st, 2023, the State has awarded over \$79M in CDBG-MIT funds to Units of General Local Government, Regional Planning and Development Councils, and Universities for mitigation activities. Of those funds, approximately \$53,778,762 to benefit Low- to moderate-income communities and \$53,625,887 will benefit MID counties.

This quarter, the Community Development Block Grant - Mitigation (CDBG-MIT) projects previously funded continue to be in various stages of creating the environmental review record, planning, or project design. Two projects submitted Environmental Review Records (ERR) for review with plans of publishing combined notices to receive public comments; however, due to staffing issues the subrecipient was unable to make necessary corrections and successfully publish the ads. With that said, the subrecipient has hired a new project manager and will publish the corrected ads on January 25th, 2024. All funded projects through the State's second round of applications, have submitted all necessary evidentiary materials, are under contracts, and are in the early stages of project design.

The State continues to affirmatively further fair housing throughout the CDBG-MIT programs by consistently showing concentrated efforts to serve the LMI population. In addition to serving the LMI population, the State continues to prioritize the needs of the elderly.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
Administration, Administration	\$16,115.40	\$5,324,700.00	\$257,313.34
Infrastructure1, General Infrastructure	\$102,000.00	\$94,544,300.00	\$1,499,529.03
Planning1, State Planning	\$2,720.86	\$1,500,000.00	\$517,700.24
Planning2, Regional and Local Planning	\$94,165.88	\$3,000,000.00	\$543,102.12
Planning3, Regional Hazard Mitigation Plans	\$23,781.56	\$2,125,000.00	\$67,284.40



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

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

01/13/2033

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

West Virginia Development Office

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$5,319,700.00
Total Budget	\$0.00	\$5,319,700.00
Total Obligated	\$0.00	\$5,319,700.00
Total Funds Drawdown	\$16,115.40	\$255,999.69
Program Funds Drawdown	\$16,115.40	\$255,999.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$16,115.40	\$255,999.69
West Virginia Development Office	\$16,115.40	\$255,999.69
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

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

Activity Progress Narrative:

Drawdowns completed this quarter were for the general administration of this program. CDBG-MIT staff provided technical assistance to all subrecipients and partners via emails, phone calls, and monthly project calls. Monthly project calls are formally held to provide technical assistance to the subrecipients and project teams, and to monitor compliance with each project schedule. As needed, project schedules are modified to accurately reflect the progress of each project. Additionally, CDBG-MIT staff has initiated the process of reviewing Environmental Review Records completed for two projects. Initially, the project teams planned to publish combined notices and request release of funds this quarter; however, due to staffing matters the subrecipient was unable to make necessary corrections and successfully publish the ads. As noted above, the corrected ads will be published on January 25th, 2024.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / Infrastructure1 / General Infrastructure



Grantee Activity Number: MGIPUN-0004

Activity Title: Water Treatment Plant Relocation Project

Activity Type:

MIT - Public Facilities and Improvements-Non Covered

Project Number:

Infrastructure1

Projected Start Date:

12/01/2021

Benefit Type:

N/A

National Objective:

Urgent Need Mitigation

Activity Status:

Under Way

Project Title:

General Infrastructure

Projected End Date:

12/31/2024

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

ALDERSON, TOWN OF

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$8,304,000.00
Total Budget	\$0.00	\$8,304,000.00
Total Obligated	\$0.00	\$8,304,000.00
Total Funds Drawdown	\$102,000.00	\$559,670.48
Program Funds Drawdown	\$102,000.00	\$559,670.48
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$102,000.00	\$559,670.48
ALDERSON, TOWN OF	\$102,000.00	\$559,670.48
Most Impacted and Distressed Expended	\$559,670.48	\$559,670.48

Activity Description:

The Town of Alderson is located in Greenbrier County, WV and serves approximately 704 customers within Greenbrier, Monroe, and Summers Counties. The Town's goal is to continue to provide a reliable source of water service and fire protection to their residents and the surrounding community. Through this project, the Town of Alderson hopes to replace and relocate its existing water treatment plant. The current plant site is located within the floodplain of the Greenbrier River and as a result, faces the threat of future flood events. In addition, the Town looks to construct a raw water intake with associated piping to provide a reliable backup source of raw water in the event that flood debris damages the primary intake located on the Greenbrier River.

Location Description:

The current plant site is located within the floodplain of the Greenbrier River in the Town of Alderson in Greenbrier County and as a result, faces the threat of future flood events. To mitigate the risk, this project proposes the relocation and replacement of the Town's existing water treatment plant with a package water treatment plant on the adjacent lot that is not within the Greenbrier River floodplain. An existing vacant house located on the adjacent property will need to be removed to accommodate the proposed plant site. This solution will provide the most cost and time efficient solution for the Town's future water plant operation. In addition, this project will construct an alternative 350 gpm raw water pump station along Muddy Creek and the associated 6500 LF of 8" piping to connect it to the plant.

Activity Progress Narrative:

This quarter, project design was submitted to the West Virginia Bureau of Public Health (WVBPH) for review and approval. Questions were received by the WVBPH pertaining to the design and were addressed and then resubmitted. The project team anticipates receiving the WVBPH permit before the end of January 2024. Next

quarter, the proposed water treatment plant site will be bored for geotechnical evaluation. Additionally, the team will establish a right of way acquisition from the neighbor next to the new water plant to gain access to the site with heavy equipment and the actual water treatment plant modules. The environmental review record and request for release of funds will be submitted next quarter as well.

Please note, the funds reported as expended in HUD identified Most Impacted and Distressed (MID) areas this quarter has been adjusted to accurately reflect the full amount expended in HUD MID areas.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / 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

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

State Planning

Projected End Date:

01/13/2033

Completed Activity Actual End Date:

Responsible Organization:

West Virginia Development Office

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$1,500,000.00
Total Budget	\$0.00	\$1,500,000.00
Total Obligated	\$0.00	\$1,500,000.00
Total Funds Drawdown	\$2,720.86	\$517,700.24
Program Funds Drawdown	\$2,720.86	\$517,700.24
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$2,720.86	\$517,700.24
West Virginia Development Office	\$2,720.86	\$517,700.24
Most Impacted and Distressed Expended	\$0.00	\$0.00

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 to 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.

Location Description:

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

Activity Progress Narrative:

During the reporting period, CDBG-MIT staff continued planning services for the state, participated in monthly calls hosted by the West Virginia State Resiliency Office and the West Virginia Silver Jackets team. Additionally, CDBG-MIT staff continues to review the program budget and explore the potential of offering another round for CDBG-MIT projects to benefit low- to moderate-income communities in MID counties.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / Planning2 / Regional and Local Planning



Grantee Activity Number: RPMTPLMID-0016

Activity Title: City of Lewisburg Stormwater Management Assessment Project

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning2

Projected Start Date:

12/01/2021

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

Regional and Local Planning

Projected End Date:

12/31/2023

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

LEWISBURG, CITY OF

Overall**Total Projected Budget from All Sources**

	Oct 1 thru Dec 31, 2023	To Date
	\$0.00	\$250,000.00

Total Budget

	\$0.00	\$250,000.00
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Total Obligated

	\$0.00	\$250,000.00
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Total Funds Drawdown

	\$29,566.51	\$46,066.51
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Program Funds Drawdown

	\$29,566.51	\$46,066.51
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Program Income Drawdown

	\$0.00	\$0.00
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Program Income Received

	\$0.00	\$0.00
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Total Funds Expended

	\$29,566.51	\$46,066.51
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LEWISBURG, CITY OF

	\$29,566.51	\$46,066.51
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Most Impacted and Distressed Expended

	\$46,066.51	\$46,066.51
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Activity Description:

The purpose of the City of Lewisburg Stormwater Management Study is to analyze, map, and develop plans that address deficiencies in the aging stormwater system and the development of sinkholes caused by the flow of stormwater into the underground karst system the city is built upon.

This study will map the current stormwater drainage system and note areas that will need to be corrected in future projects. Understanding that the stormwater system needs to be improved along with identifying and mapping potential problem areas will give city planners a guide upon which to develop an action plan to address and prioritize key areas of need.

Sinkhole Watershed modeling will be done to link stormwater drainage to the develop of sinkholes throughout the city. The study will produce a karst stormwater operation and management plan that will address the immediate and future needs to mitigate stormwater damage and sinkhole development in the Lewisburg city limits.

A karst stormwater monitoring plan will also be developed to provide the city a source to better understand and monitor how stormwater is affecting the underground karst system and develop an action plan to mitigate future problem areas.

The study will be completed over a 24 -month period which will include field study and data collection, watershed modeling and analysis, and development of a stormwater system management plan.

The work will be completed by the contracted consultant working along side the Director of Public Works for the city.

The short term anticipated outcomes are the mapping of the stormwater system leading to a better understanding of how to address future issues along with the development of a stormwate1 management plan that will become the guide for future activities.



Long term outcomes would be the repair or replacement of the aging stormwater system which will in turn minimize the development of sinkholes. This will reduce the cost to the city for the continual and costly repair that sinkholes cause throughout the city. This will also increase the safety for the citizens of Lewisburg both as pedestrians and motorists. LMI designated, along with other citizens will benefit from safety brochures produced and gain a better understanding of the hazards of stormwater flow and sinkhole designations. This study will act as a guide for the development of long-range capital improvement and land use planning within the City of Lewisburg. Building code amendments will also be addressed in the study and recommendations made for the city's approval.

Location Description:

The study will encompass the entire City of Lewisburg located in a Greenbriar County, which is a MID County.

Activity Progress Narrative:

This quarter, work continues with field survey and data collection with analysis of the cave system being integrated into the storm water flow topside. Watershed modeling and analysis has begun and will continue into the first quarter of 2024. Please note, the funds reported as expended in HUD identified Most Impacted and Distressed (MID) areas this quarter has been adjusted to accurately reflect the full amount expended in HUD MID areas.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: RPMTPLMID-0017

Activity Title: Evaluation of Short Term Flood Control Barrier Systems

Activity Type:

MIT - Planning and Capacity Building

Project Number:

Planning2

Projected Start Date:

12/01/2021

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

Regional and Local Planning

Projected End Date:

12/31/2023

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

MARSHALL UNIVERSITY RESEARCH CORPORATION

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$229,375.00
Total Budget	\$0.00	\$229,375.00
Total Obligated	\$0.00	\$229,375.00
Total Funds Drawdown	\$33,323.41	\$164,789.62
Program Funds Drawdown	\$33,323.41	\$164,789.62
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$33,323.41	\$164,789.62
MARSHALL UNIVERSITY RESEARCH CORPORATION	\$33,323.41	\$164,789.62
Most Impacted and Distressed Expended	\$164,789.62	\$164,789.62

Activity Description:

This planning project will evaluate temporary flood control barriers and critical facilities for necessary short-term flood protection in Lincoln, Kanawha, Clay, Nicholas, Webster, and Greenbrier counties.

Location Description:

Project will take place throughout the following Counties: Lincoln, Clay, Webster.

Activity Progress Narrative:

Marshall's CEGAS continues to evaluate temporary flood barrier systems available in the U.S. that may provide some extensive level of flood protection for critical infrastructure sites that have experienced past flooding episodes. This project is nearing completion with a total of 50 site visits conducted and 32 site reports completed. No additional sites are planned to be reviewed for this project and a final report and final performance report being submitted next quarter

Please note, the funds reported as expended in HUD identified Most Impacted and Distressed (MID) areas this quarter has been adjusted to accurately reflect the full amount expended in HUD MID areas.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres with improved	0	28/40
# of community engagement	0	22/20
# of entities at resilience	0	70/100
# of Non-business	0	33/20
# of planning studies and	4	32/40
# of plans adopted	0	0/0
# of Plans or Planning Products	4	32/0

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: RPMTPLNMID-0018

Activity Title: Culvert and Bridge Mapping Project

Activity Type: MIT - Planning and Capacity Building	Activity Status: Under Way
Project Number: Planning2	Project Title: Regional and Local Planning
Projected Start Date: 12/01/2021	Projected End Date: 12/31/2023
Benefit Type: N/A	Completed Activity Actual End Date:
National Objective: NA	Responsible Organization: MARSHALL UNIVERSITY RESEARCH CORPORATION

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$163,000.00
Total Budget	\$0.00	\$163,000.00
Total Obligated	\$0.00	\$163,000.00
Total Funds Drawdown	\$31,275.96	\$122,709.76
Program Funds Drawdown	\$31,275.96	\$122,709.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$31,275.96	\$122,709.76
MARSHALL UNIVERSITY RESEARCH CORPORATION	\$31,275.96	\$122,709.76
Most Impacted and Distressed Expended	\$0.00	\$0.00

Activity Description:

This project will identify flood prone culverts and low flow bridge structures, record the location and attributes of these sites, and develop a methodology to manage an inventory that allows users to view data in real time. The initial project locations will be in Monroe and Summers counties.

Location Description:

The project will take place throughout the following non-MID Counties: Monroe and Summers.

Activity Progress Narrative:

This quarter, additional field work and data collection took place on 10/13/2023. The project team developed the floodplain permitting tool and memorandums/emails were sent to County and State officials reporting the completion of the project. 2 flood prone sites were recorded during this reporting period with a total of 56 flood prone sites recorded throughout the project. Next quarter, a detailed final performance report and a copy of the culvert and bridge mapping will be prepared and submitted to the State.

Accomplishments Performance Measures

**This Report Period
Total**

**Cumulative Actual Total / Expected
Total**



# of acres with improved	2	56/200
# of entities at resilience	8	24/8
# of Plans or Planning Products	0	3/1

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / Planning3 / Regional Hazard Mitigation Plans



Grantee Activity Number: R2MTPLNMID-0020

Activity Title: Hazard Mitigation Plans RPDC 2 Planning

Activity Type: MIT - Planning and Capacity Building	Activity Status: Under Way
Project Number: Planning3	Project Title: Regional Hazard Mitigation Plans
Projected Start Date: 01/13/2021	Projected End Date: 01/13/2033
Benefit Type: N/A	Completed Activity Actual End Date:
National Objective: NA	Responsible Organization: West Virginia Development Office

Overall	Oct 1 thru Dec 31, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$500,000.00
Total Budget	\$0.00	\$500,000.00
Total Obligated	\$0.00	\$125,000.00
Total Funds Drawdown	\$23,781.56	\$23,781.56
Program Funds Drawdown	\$23,781.56	\$23,781.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$23,781.56	\$23,781.56
West Virginia Development Office	\$23,781.56	\$23,781.56
Most Impacted and Distressed Expended	\$0.00	\$0.00

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 expires. 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.

Location Description:

Regional Plan will serve Mason.

Activity Progress Narrative:

Throughout the quarter, the two main items of focus were municipal participation and hazard research. The project team continued to publicize the public participation survey and began the process for conducting public meetings. A total of 3 community engagement events have taken place. Next quarter, the team aims to complete six public participation meetings, finish all municipal outreach efforts, draft the narrative of the plan, and submit it for state and federal review.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of community engagement	3	3/0
# of entities at resilience	10	10/0
# of Hazard Mitigation Plans	30	30/2
# of Non-business	16	16/0
# of persons at resilience	40	40/0

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Monitoring, Audit, and Technical Assistance

Event Type	This Report Period	To Date
Monitoring, Audits, and Technical Assistance	0	1
Monitoring Visits	0	0
Audit Visits	0	0
Technical Assistance Visits	0	1
Monitoring/Technical Assistance Visits	0	0
Report/Letter Issued	0	1