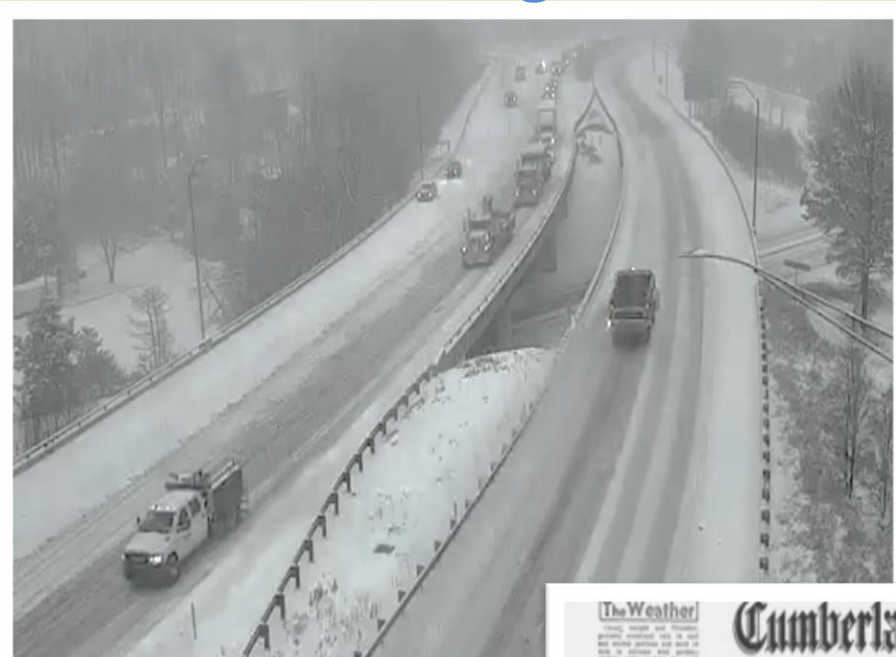


Allegany County Hazard Mitigation Plan - 2023 Mitigation Action Progress Report



Allegany County
Department of
Emergency Services
11400 PPG Road, SE
Cumberland, MD 21502

[TheWeather]

Heavy, steady rain through
generally overcast sky to
end the winter season and
help to advance the spring
mudslide season in early

Cumberland Evening Times,

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City Edition 4 Pages

CUMBERLAND, MARYLAND, WEDNESDAY, MARCH 15, 1996

(Start Sunday Five Pages)

PRICE TWO CENTS

CUMBERLAND'S WORST FLOOD

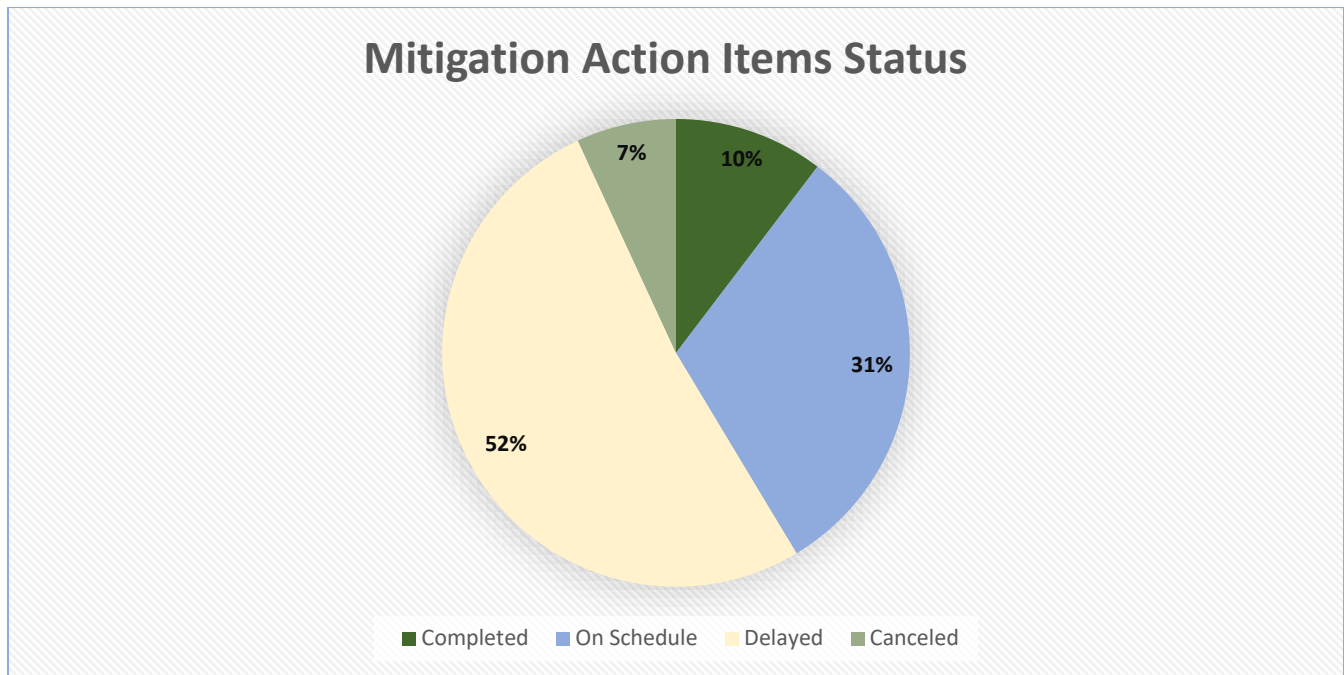


MITIGATION ACTION PROGRESS REPORT

Mitigation Action Items Status

In an effort to determine the status of the mitigation action items/projects developed for the 2018-2023 Allegheny County Hazard Mitigation Plan, Smith Planning & Design (SP&D) was hired to assist the Department of Emergency Services to obtain information and develop this report. As part of FEMA requirements for plan maintenance and implementation, information gathered from various departments, agencies, and organizations assisted the County with the evaluation of mitigation action items and projects for this report. Distribution of this report includes all planning partners.

As the initial step in the process, the Department of Emergency Services provided Point of Contacts (POC) from various county departments, agencies, and organizations identified as the responsible entity(s) for each mitigation action item. The chart below is a composite of the status of mitigation actions to date, while the table on the following page provides additional details. Finally, the data gathering method and completed data forms have been included in this document.



The purpose of hazard mitigation action items and associated strategies is to reduce or eliminate long-term risk to people and property from hazards and their effects. During the 2018-2023 Hazard Mitigation Plan Update process, action items and projects were developed.

Mitigation which is action taken to reduce or eliminate long-term risk to hazards.

A total of twenty-nine (29) mitigation action items were evaluated as part of the mitigation action progress report; twelve (12) of these action items were ranked as “high priority” in the 2018 Hazard Mitigation Plan. Within the 2018 Hazard Mitigation Plan, potential mitigation projects that address the twelve (12) highest rated mitigation actions were developed. Projects included: Project A: Floodplain Ordinance Revision; Project B: Flood Acquisitions; Project C: Development Restrictions on Vacant Parcels; Project D: Critical Overlay Zone; Project E: GIS Based Solutions for Damage Assessment; Project F: Essential Facility Food Mitigation; Project G: Pump Station Generators; and Project H: Mobile Message Signs.

Responsible entities provided important feedback regarding the progress occurring between 2018 and 2022 on these action items/projects. Based on this feedback, the following was determined: three (3) action items are “completed”, nine (9) action items are “on schedule” to be completed, and fifteen (15) action items are “delayed” for various reasons, including such reasons as lack of funding, Covid, or changes in staff. Two (2) mitigation action items were considered irrelevant and therefore canceled.

Mitigation Action Items Status		
Mitigation Action Item # / Project	Background	Status
#1 – Project A	Review and where necessary revise and update local floodplain ordinances. Possible changes include specific vegetative buffers and freeboard requirements.	Completed
#2 – Project C	Consider development restrictions for vacant parcels located in identified hazards areas.	Delayed
#3 – Project D	For areas in the County that have experienced repetitive hazard issues, implement a critical hazard area overlay zone within the zoning ordinance. This critical overlay zone could include portions of property parcels that have multiple hazards. Such as 100-year floodplain, severe erodible soils, slopes 25% or greater, Hydric soils and wetlands.	Delayed
#4	Due to steep slope flooding, specifically in the Georges Creek area, consider modifying the steep slope ordinance from 25% to 15%.	Delayed
#5 – Project E	Utilize GIS based solutions for damage assessments and to collect information for mitigation projects, specifically for flood related damage that includes high water mark elevation and picture.	Delayed
#6 – Project E	Geocode previous damage assessment reports to visualize areas of repetitive loss.	Delayed
#7	Prepare a CRS (Community Rating System) application to reduce insurance costs within the county. Currently, Allegany County is not enrolled in the CRS. As of November 2017, there are 320 NFIP policy holders in the county with \$456,220 being paid in insurance premiums. On average, Allegany County policy holders pay \$1,426 per year in flood insurance. By participating in the CRS, policy holders could potentially save between \$71 (5%) to \$642 (45%) per year.	Delayed
#8	Update Floodplain Management Ordinance once the preliminary DFIRMS become effective.	Completed
#9	Work with Maryland Department of Natural Resources to complete Community Wildfire Protections Plans for at-risk communities. Currently, Little Orleans is the only community with a Wildfire Protection Plan.	Delayed
#10	Acquire/demolish and relocate the Town Halls of Lonaconing and Westernport. Both Town Halls are located within the 100-year floodplain, and both have experienced first floor flooding in 1996.	Delayed
#11 – Project F	Acquire/demolish and relocate the following Fire Departments that have been identified by the FEMA HAZUS Model as susceptible to first floor flooding. Fire Departments include: Corriganville VFC, Midland Fire Company, Potomac Fire Company, and Baltimore Pike VFC.	On Schedule
#12 – Project F	Review the following Schools for flooding susceptibility. These schools have been identified by the FEMA HAZUS Model as being susceptible to first floor flooding. The Schools include Calvary Christian Academy and Flintstone Elementary.	Delayed
#13	Consider retrofitting the following WWTP for flooding. These WWTP have been identified by the FEMA HAZUS Model as susceptible to flooding damage. These WWTP include Barton, Flintstone, Little Orleans Campground, Oldtown and Rawlings.	On Schedule

#14 – Project G	Prioritize the following water Pump Stations (PS) in need of a generator: Bowling Green PS, Rolling Oaks PS, Cresaptown PS, and Homewood PS (Corriganville/Ellerslie). Apply for grant funding to purchase and install a generator that ensures continued power at these water pump stations.	On Schedule
#15 – Project E	Perform a detailed analysis of structures in the floodplain for all municipalities and determine first floor elevation for mitigation project purposes.	Delayed
#16	Identify older homes and Pre-FIRM residential structures in the floodplain that are in need of mitigation measures in order to bring them into compliance when funding is available. Parcel layer is needed within GIS to adequately identify.	Delayed
#17	Assess all shelters and their ability to sustain damage for specific hazard types and identify retrofitting projects based on this assessment.	Delayed
#18	Include the current 21 repetitive loss properties on the County’s flood buyout listing.	On Schedule
#19	Prioritize and continue to purchase properties on the flood buyout listing. Currently there are 61 properties on the listing, however inclusion of the repetitive loss properties, the total number of properties would be 82.	Delayed
#20	Identify and prioritize essential and critical facilities or shelters that map need a generator. Based upon the assessment, apply for grant funding to purchase, and install an emergency generator that ensuring continued power of essential facilities and shelters. One identified critical facility in need of a generator is the Cumberland County’s Road Garage.	Delayed
#21 – Project F	For the eight (8) essential facilities listed as having a high vulnerability in the risk assessment and identified by the planning committee as a high priority, a technical report should be completed to provide information on first floor elevation and the base flood elevation. Mitigation alternatives and a detailed benefit/cost analysis should be completed.	On Schedule
#22	Obtain funding to acquire the Trade Wind and Garden City Mobile Home Parks located in LaVale. The mobile home parks are co-located and vulnerable to the 100-year flood event. Out of 75 mobile homes, 40 are within the 100-year floodplain.	On Schedule
#23	Distribute information concerning HazMat Transportation to highly commercialized areas that are located within the transportation route, specifically to the facilities located along Interstate 68.	Canceled
#24 – Project B	Consider purchasing repetitive loss properties in the county when funding becomes available. Update the volunteer buy-out program letter of interest and distribution listing.	Delayed
#25 – Project H	Obtain funding to purchase mobile message signs that can be utilized during hazard events for hazard warning and notification.	Completed
#26	Implement low impact development techniques in areas where stormwater is an issue. These techniques could include, infiltration trenches, vegetated swales, buffer strips.	On Schedule
#27	Implement necessary mitigation measures to alleviate flooding issues listed in the following table; Tables 16.2 and 16.3.	On Schedule
#28	Mitigate stormwater issues listed in the County’s Drainage Complaint Database (database no longer maintained but still contains listing of issues).	On Schedule
#29	Retrofit railroad trestles located throughout the Georges Creek Region to mitigation flooding.	Canceled

Note: Additional status update details are included on pages 6 - 34.

Data Gathering Process

In order to obtain a status on each mitigation action, SP&D developed a “Mitigation Action Status Update” fillable PDF form for distribution to each responsible entity(s). Hazard mitigation action items included on the form were specific to each entity(s).

Each action item/project included the following information:

- Action Item #/Project
- Project Background
- Responsible Entity

Responsible entities were tasked with providing the following information for each action item, to the best of their ability:

- Contact Name/Information
- Current Project Status (e.g., Completed, Canceled, Delayed, or On Schedule)

Additionally, they were asked the following four questions for each action item:

1. What was accomplished for this project during this reporting period?
2. What obstacles, problems, or delays did the project encounter?
3. If incomplete, is the project still relevant? Should the project be changed or revised?
4. Other Comments?

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #1 – Project A	
Project Background:	Review and where necessary revise and update local floodplain ordinances. Possible changes include specific vegetative buffers and freeboard requirements.
Responsible Entities:	Land Development Services
Contact Name:	
Contact Email:	
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: <input style="width: 100px;" type="text"/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?
2. What obstacles, problems, or delays did the project encounter?
3. If incomplete, is the project still relevant? Should the project be changed or revised?
4. Other Comments

The mitigation action items identified as “completed” are listed below. Two (2) of the high priority mitigation action items were designated as “completed”; these mitigation action items are identified in red.

- **Action Item #1 – Project A: Floodplain Ordinance Revision**
- Action Item #8
- **Action Item #25 - Project H: Mobile Message Signs**

Findings that the fourteen (14) mitigation action items designated as “delayed” in addition to the eight (8) action items that were identified as being “on schedule” are to be carried forward into the future Plan Update. Various action items were reviewed and revisions made for inclusion in the Allegheny County Hazard Mitigation Plan Update. The following pages provide full status details for each of the twenty-nine (29) mitigation action items/projects.

MITIGATION ACTION STATUS FORMS

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #1 – Project A

Project Background:	Review and where necessary revise and update local floodplain ordinances. Possible changes include specific vegetative buffers and freeboard requirements.
Responsible Entity:	Department of Planning and Zoning
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<input checked="" type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The Floodplain ordinance has been updated according to the effective flood maps dated April 3, 2020. During this time the County took the opportunity to implement the latest regulations to help better safeguard the community against flooding and repetitive loss with over site from MDE floodplain offices.

2. What obstacles, problems, or delays did the project encounter?

No obstacles or delays were encountered.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

N/A

4. Other Comments

This project has been completed.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #2– Project C

Project Background:	Consider development restrictions for vacant parcels located in identified hazards areas.
Responsible Entity:	Department of Planning and Zoning
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<p><input type="radio"/> Project Completed</p> <p><input type="radio"/> Project Canceled</p> <p><input checked="" type="radio"/> Project Delayed</p> <p><input type="radio"/> Project on Schedule</p> <p>Anticipated Completion Date:</p> <p>_____</p>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?
EPA - Restricted Zone due to HazMat issues on specific parcel(s).

2. What obstacles, problems, or delays did the project encounter?
N/A

3. If incomplete, is the project still relevant? Should the project be changed or revised?
This project is still relevant and should consider the flood hazard.

4. Other Comments
No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #3 – Project D

Project Background:	For areas in the County that have experienced repetitive hazard issues, implement a critical hazard area overlay zone within the zoning ordinance. This critical overlay zone could include portions of property parcels that have multiple hazards. Such as 100-year floodplain, severe erodible soils, slopes 25% or greater, Hydric soils and wetlands.
Responsible Entity:	Department of Planning and Zoning; GIS Department
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<p><input type="radio"/> Project Completed</p> <p><input type="radio"/> Project Canceled</p> <p><input checked="" type="radio"/> Project Delayed</p> <p><input type="radio"/> Project on Schedule</p> <p>Anticipated Completion Date: 2023-2024</p>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?
While this was referenced in the Comprehensive Plan, the overlay zone has not been developed.

2. What obstacles, problems, or delays did the project encounter?
Requires additional consideration and criteria.

3. If incomplete, is the project still relevant? Should the project be changed or revised?
This project is still relevant, consider for carry-over in the next HMP Update.

4. Other Comments
No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #4

Project Background:	Due to steep slope flooding, specifically in the Georges Creek area, consider modifying the steep slope ordinance from 25% to 15%.
Responsible Entity:	Department of Planning and Zoning
Contact Name:	Jerrold Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: 2023-2024

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

A steep slope ordinance has not been placed into effect as a result of multiple factors. Part of our objective it to keep development out of the floodplain. With the a restricted slope ordinance this would severely reduce the eligible buildable locations in this region.

2. What obstacles, problems, or delays did the project encounter?

The obstacle has been implementing this into the County Zoning Code outside of the period in which the code is eligible to be modified or updated.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Additional consideration in both the HMP Update process and the Comprehensive Plan Update.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #5 – Project E

Project Background:	Utilize GIS based solutions for damage assessments and to collect information for mitigation projects, specifically for flood related damage that includes high water mark elevation and picture.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: 2023

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

New servers were purchased for data storage and the County recently purchased software.

2. What obstacles, problems, or delays did the project encounter?

A software tool has not been selected. Considering Survey123, which is used by MDEM. With staff turnover over the past several years, new damage assessment team members should be identified and trained.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project and should be carried over in the plan update.

4. Other Comments

Consider damage assessment training and software training such as Survey123.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #6 – Project E

Project Background:	Geocode previous damage assessment reports to visualize areas of repetitive loss.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<p><input type="radio"/> Project Completed</p> <p><input type="radio"/> Project Canceled</p> <p><input checked="" type="radio"/> Project Delayed</p> <p><input type="radio"/> Project on Schedule</p> <p>Anticipated Completion Date:</p> <p>_____</p>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Due to staff turnover over the past several years, files will need to be reviewed for possible sources of information.

2. What obstacles, problems, or delays did the project encounter?

Working files not organized.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Project is still relevant. Rewrite:

Review previous damage assessment reports, then geocode to visualize areas of repetitive loss.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #7

Project Background:	Prepare a CRS (Community Rating System) application to reduce insurance costs within the county. Currently, Allegany County is not enrolled in the CRS. As of November 2017, there are 320 NFIP policy holders in the county with \$456,220 being paid in insurance premiums. On average, Allegany County policy holders pay \$1,426 per year in flood insurance. By participating in the CRS, policy holders could potentially save between \$71 (5%) to \$642 (45%) per year.
Responsible Entity:	Department of Planning and Zoning
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: <hr/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Due to staff turnover over the past several years, the CRS application was not completed.

2. What obstacles, problems, or delays did the project encounter?

Staff turnover.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Rewrite:

Explore the CRS (Community Rating System), which reduces insurance costs within the county.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #8

Project Background:	Update Floodplain Management Ordinance once the preliminary DFIRMs become effective.
Responsible Entity:	Department of Planning and Zoning
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input checked="" type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: <hr style="width: 20%; margin-left: 0;"/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The Floodplain Ordinance has been updated according to the effective flood maps dated April 3, 2020. During this time the County took the opportunity to implement the latest regulations to help better safeguard the community against flooding and repetitive loss with over site from MDE floodplain offices.

2. What obstacles, problems, or delays did the project encounter?

No issues or delays were encountered.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

N/A

4. Other Comments

This project has been completed.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #9

Project Background:	Work with Maryland Department of Natural Resources to complete Community Wildfire Protections Plans for at-risk communities. Currently, Little Orleans is the only community with a Wildfire Protection Plan.
Responsible Entity:	DES – Emergency Management Division; Maryland DNR; Fire Departments
Contact Name:	Roger Bennett
Contact Email:	rbennett@alleganygov.org
Project Status:	<p><input type="radio"/> Project Completed</p> <p><input type="radio"/> Project Canceled</p> <p><input checked="" type="radio"/> Project Delayed</p> <p><input type="radio"/> Project on Schedule</p> <p>Anticipated Completion Date: _____</p>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Protection Plans are completed for Orleans and Bowman's Addition.

2. What obstacles, problems, or delays did the project encounter?

COVID-19 delays and delays with support from DNR to complete.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Looking to continue the project by adding a wildfire protection plan for Midland, Barton, and Flintstone.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #10

Project Background:	Acquire/demolish and relocate the Town Halls of Lonaconing and Westernport. Both Town Halls are located within the 100-year floodplain, and both have experienced first floor flooding in 1996.
Responsible Entity:	Department of Planning and Zoning; Towns of Lonaconing and Westernport
Contact Name:	Jerrold Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

As reported from the respective towns, neither town has expressed interest in relocating their town hall due to current internal and external circumstances.

2. What obstacles, problems, or delays did the project encounter?

Current issues exist that hamper efforts to move each of the town halls. Currently, logistics and community support are among the forefront drivers to accomplish this project. Next, a competitive real estate market has quickly locked out their ability for prospective relocation opportunities.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This project may remain as an action item seeking long term results. This is a little beyond the County since these are independent governing bodies. This would be something that would almost have to be driven from within as their respective towns seek mitigation and community support that is not of a current interest from within.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #11 – Project F

Project Background:	Acquire/demolish and relocate the following Fire Departments that have been identified by the FEMA HAZUS Model as susceptible to first floor flooding. Fire Departments include: Corriganville VFC, Midland Fire Company, Potomac Fire Company, and Baltimore Pike VFC.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; Fire Department
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The Baltimore Pike VFC has made a substantial improvement to their building in the floodplain. As a result, the entire building has been brought up to the current Floodplain regulations specific to elevation and flood proofing impacted lower levels. The Corriganville VFC has successfully been encouraged to build any additional structures that store equipment and supplies at another location to prevent possible flood loss.

2. What obstacles, problems, or delays did the project encounter?

Acquiring and demolishing the identified fire departments has been a topic of conversation. As fire departments have been seeking permitting and minor improvements our offices have helped them mitigate potential loss and become compliant with current floodplain regulations.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This project is still underway as a dialogue has been established with the additional fire departments and the County who will be working along side of them during this project. This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #12 – Project F

Project Background:	Review the following Schools for flooding susceptibility. These schools have been identified by the FEMA HAZUS Model as being susceptible to first floor flooding. The Schools include Calvary Christian Academy and Flintstone Elementary.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; BOE
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: <hr/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Each of these schools have been evaluated in a meeting by the Department of Public Works and Planning and Zoning to gauge whether or not they would be viable candidates for project action. In conducting these projects eligible for grant money and the value of the impact were both considered. These projects are a mix of both public and private interest that have lasting value.

2. What obstacles, problems, or delays did the project encounter?

At this time each of these projects are viable options for focusing grant money and mitigation. These projects are simply delayed while other projects take precedence since floodplain vulnerability is greater in those areas and mitigation makes more sense focused elsewhere at this time.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #13

Project Background:	Consider retrofitting the following WWTP for flooding. These WWTP have been identified by the FEMA HAZUS Model as susceptible to flooding damage. These WWTP include Barton, Flintstone, Little Orleans Campground, Oldtown and Rawlings.
Responsible Entity:	Department of Planning and Zoning; Department of Public Works; MDE
Contact Name:	Jerrold Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The WWTP located in Barton has had a complete update in XXXX. Furthermore, this plant was removed from the floodplain as a result of the implementation of the 4-3-2020 FIRMS. The WWTP in Flintstone has recently secured funding, site plans and is being brought up to current standards. This new plant will be located outside of the existing floodplain.

2. What obstacles, problems, or delays did the project encounter?

N/A

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #14 – Project G

Project Background:	Prioritize the following water Pump Stations (PS) in need of a generator: Bowling Green PS, Rolling Oaks PS, Cresaptown PS, and Homewood PS (Corriganville/Ellerslie). Apply for grant funding to purchase and install a generator that ensures continued power at these water pump stations.
Responsible Entity:	Department of Public Works; Department of Emergency Services
Contact Name:	Adam Patterson
Contact Email:	adam.patterson@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: Dependent on funding

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Bowling Green Sewer PS was completed. Rolling Oaks Water Booster was completed. Cresaptown Sewer PS was completed.

2. What obstacles, problems, or delays did the project encounter?

No delays. Projects are completed as funding is approved. All the other pump stations have the connection for a portable generator to be utilized.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Project is relevant. We would you like to have permanent back-up power at Homewood and the Cresaptown Water Booster Station.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #15 – Project E

Project Background:	Perform a detailed analysis of structures in the floodplain for all municipalities and determine first floor elevation for mitigation project purposes.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: <hr/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

This is a project that has had serious consideration and one that would boost the County's ability to focus resources on the most vulnerable properties within floodplain zones. Using this along side of the County's GIS resources will help target regions that may need greater assistance than others

2. What obstacles, problems, or delays did the project encounter?

Current problems with the County's dated GIS software and the transition to the new GIS program reboot have delayed efforts to develop a comprehensive list effected floodplain properties. Once this software and personnel is in effect the Floodplain Management office has expressed interest in working through a program to help those most impacted by flooding events.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #16

Project Background:	Identify older homes and Pre-FIRM residential structures in the floodplain that are in need of mitigation measures in order to bring them into compliance when funding is available. Parcel layer is needed within GIS to adequately identify.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jerrold Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

This project is a tentative actionable item that has gained interest to help new floodplain homes. The program aims to target the niche of older homes that have been added to the FIRM as a result of the new 2020 flood maps. These homes will be the ones targeted for funding and flood proofing.

2. What obstacles, problems, or delays did the project encounter?

Some of the issues that lay in the way are funding from governmental sources. This project has also suffered from the lack of a GIS layer that can identify the properties in need of mitigation measures to bring them into compliance. The current reboot of the County's new GIS program is aimed to bring the technology needed to bring new projects like this into fruition.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #17

Project Background:	Assess all shelters and their ability to sustain damage for specific hazard types and identify retrofitting projects based on this assessment.
Responsible Entity:	Department of Emergency Services; BOE; MDEM
Contact Name:	Carrie Hughes
Contact Email:	chughes@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

There were no accomplishments during this reporting period.

2. What obstacles, problems, or delays did the project encounter?

The project suffered a delay due to employee overturn and COVID-19 delays.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This project should be continued and updated with the new 100 year flood plain levels.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #18

Project Background:	Include the current 21 repetitive loss properties on the County's flood buyout listing.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: <hr style="width: 20%; margin-left: 0;"/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The County has continued working through a grant project entitled Garden City Mobile Home Park located on Winchester Road in LaVale. This project is working to buyout and relocate a total of 25 mobile home lots from the floodplain. This will relocate individuals into another area where they will not be impacted by flood waters.

2. What obstacles, problems, or delays did the project encounter?

Current properties that are apart of the flood buyout list have been placed on hold while the current pending queue is working. Additional repetitive loss properties will be taken into account for relocation once the current project has been closed out.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #19

Project Background:	Prioritize and continue to purchase properties on the flood buyout listing. Currently there are 61 properties on the listing, however inclusion of the repetitive loss properties, the total number of properties would be 82.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services
Contact Name:	Jerrold Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The current properties on the list have been prioritized to make the best use of federal dollars to remove vulnerable homes out of the flood zone. The current moves have been delayed as a result of a current project that is requiring the majority of the time and office resources. This project called Garden City is in the process of relocating 25 homes out of the floodplain.

2. What obstacles, problems, or delays did the project encounter?

Issues have been that offices resources are consumed by a current relocation project. Once this project has been completed the County will work to purchase more properties on the flood buyout list.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #20

Project Background:	Identify and prioritize essential and critical facilities or shelters that may be in need of a generator. Based upon the assessment, apply for grant funding to purchase and install an emergency generator that ensuring continued power of essential facilities and shelters. One identified critical facility in need of a generator is the Cumberland County’s Road Garage.
Responsible Entity:	Department of Emergency Services; Department of Public Works; MDEM
Contact Name:	Carrie Hughes
Contact Email:	chughes@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The generator at Midland Fire Department was repaired and one partially installed at Mount Savage Fire Department.
2. What obstacles, problems, or delays did the project encounter?

The project suffered a delay due to employee overturn and COVID-19 delays.
3. If incomplete, is the project still relevant? Should the project be changed or revised?

The project needs to be revisited with public works to determine priority and generator status.
4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #21 – Project F

Project Background:	For the eight (8) essential facilities listed as having a high vulnerability in the risk assessment and identified by the planning committee as a high priority, a technical report should be completed to provide information on first floor elevation and the base flood elevation. Mitigation alternatives and a detailed benefit/cost analysis should be completed.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; MDEM
Contact Name:	Carrie Hughes
Contact Email:	chughes@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?
 There were no accomplishments during this reporting period.

2. What obstacles, problems, or delays did the project encounter?
 N/A

3. If incomplete, is the project still relevant? Should the project be changed or revised?
 This project needs revisited based on the new 100 year flood plain levels.

4. Other Comments
 No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #22

Project Background:	Obtain funding to acquire the Trade Wind and Garden City Mobile Home Parks located in LaVale. The mobile home parks are co-located and vulnerable to the 100-year flood event. Out of 75 mobile homes, 40 are within the 100-year floodplain.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The County has continued working through a grant project entitled Garden City Mobile Home Park located on Winchester Road in LaVale. This project is working to buyout and relocate a total of 25 mobile home lots from the floodplain. This will relocate individuals into another area where they will not be impacted by flood waters.

2. What obstacles, problems, or delays did the project encounter?

No obstacles or issues have been encountered.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

N/A

4. Other Comments

This project is ongoing until all mobile homes are removed from the floodplain.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #23

Project Background:	Distribute information concerning HazMat Transportation to highly commercialized areas that are located within the transportation route, specifically to the facilities located along Interstate 68.
Responsible Entity:	Department of Emergency Services; LEPC; Department of Public Works
Contact Name:	Carrie Hughes
Contact Email:	chughes@alleganygov.org
Project Status:	<p><input type="radio"/> Project Completed</p> <p><input checked="" type="radio"/> Project Canceled</p> <p><input type="radio"/> Project Delayed</p> <p><input type="radio"/> Project on Schedule</p> <p>Anticipated Completion Date:</p> <hr/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

N/A

2. What obstacles, problems, or delays did the project encounter?

N/A

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This project is not relevant due to the number of hazardous materials transportation vehicles that travel the 68 corridor everyday. Emergency Services responders are trained to mitigate all hazards that they may come across.

4. Other Comments

This project is canceled and will not be carried over into the next hazard mitigation plan update.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #24 – Project B

Project Background:	Consider purchasing repetitive loss properties in the county when funding becomes available. Update the volunteer buy-out program letter of interest and distribution listing.
Responsible Entity:	Department of Planning and Zoning; Department of Emergency Services; GIS Department
Contact Name:	Jim Squires
Contact Email:	jsquires@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input checked="" type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

The current properties on the list have been prioritized to make the best use of federal dollars to remove vulnerable homes out of the flood zone. The current moves have been delayed as a result of a current project that is requiring the majority of the time and office resources.

2. What obstacles, problems, or delays did the project encounter?

Issues have been that offices resources are consumed by a current relocation project. Once this project has been completed the County will work to purchase more properties on the flood buyout list.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #25 – Project H

Project Background:	Obtain funding to purchase mobile message signs that can be utilized during hazard events for hazard warning and notification.
Responsible Entity:	Department of Public Works; Department of Emergency Services; MDEM
Contact Name:	Dan DeWitt
Contact Email:	ddewitt@alleganygov.org
Project Status:	<input checked="" type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Portable message board signs were purchased and are currently being utilized by the Allegany County Department of Public Works and the Allegany County Sheriff's Office. These signs can be programmed and updated remotely from a desktop computer and are used during high traffic events, emergencies, construction projects, etc.

2. What obstacles, problems, or delays did the project encounter?

None.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

N/A

4. Other Comments

This project has been completed.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #26

Project Background:	Implement low impact development techniques in areas where stormwater is an issue. These techniques could include, infiltration trenches, vegetated swales, buffer strips.
Responsible Entity:	Department of Public Works; Department of Planning and Zoning; MDE
Contact Name:	Whitney Patterson
Contact Email:	wpatterson@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: <hr style="width: 20%; margin-left: 0;"/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?
 All new development projects, as well as, maintenance/repair projects have and continue to implement low impact development practices per Allegany County Code which incorporates the MD Stormwater Design Maryland.

2. What obstacles, problems, or delays did the project encounter?
 No obstacles, problems, or delays were encountered

3. If incomplete, is the project still relevant? Should the project be changed or revised?
 This is an ongoing project and follows any updates released by the State of Maryland or Allegany County.

4. Other Comments
 No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #27

Project Background:	Implement necessary mitigation measures to alleviate flooding issues listed in the following table; Tables 16.2 and 16.3.
Responsible Entity:	Department of Planning and Zoning; Department of Public Works, Emergency Services
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: Ongoing

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Continued maintenance and oversight by County Roads and Planning and Zoning of the forested buffer zones has reduced flooding in these historically prone locations. These areas have been apart of the Flood buyout list to removed vulnerable infrastructure. Forested buffers are in continual need of promoting natural growth habitat.

2. What obstacles, problems, or delays did the project encounter?

Funding for mitigation efforts and community support and paradigm shifts of the public are among the greatest challenges to further remove potential loss structures.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

This is still a relevant project.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #28

Project Background:	Mitigate stormwater issues listed in the County’s Drainage Complaint Database (database no longer maintained but still contains listing of issues).
Responsible Entity:	Department of Public Works; MDE
Contact Name:	Whitney Patterson
Contact Email:	wpatterson@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input checked="" type="radio"/> Project on Schedule Anticipated Completion Date: <hr/>

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

Allegany County has completed most of the projects within that database and continues to complete projects as time and funding allows.

2. What obstacles, problems, or delays did the project encounter?

Most common obstacles, problems, and/or delays that occurs during these projects are that most stormwater issues are on private property. Participation by the private property owner is required to complete these projects.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

These projects/issues are ongoing the completed as time and funding allows.

4. Other Comments

No additional comments.

2018-2022 Mitigation Action Status Update Form

Mitigation Action Item #29

Project Background:	Retrofit railroad trestles located throughout the Georges Creek Region to mitigation flooding.
Responsible Entity:	Department of Planning and Zoning; CSX; Department of Emergency Services
Contact Name:	Jerrod Cook
Contact Email:	jcook@alleganygov.org
Project Status:	<input type="radio"/> Project Completed <input checked="" type="radio"/> Project Canceled <input type="radio"/> Project Delayed <input type="radio"/> Project on Schedule Anticipated Completion Date: _____

Please provide summary of project progress for this reporting period by answering the following questions.

1. What was accomplished for this project during this reporting period?

This potential project has not been a major concern since the RR line currently has removed sections of rail and that this property is privately owned for the purpose of reactivating at a later date for business purposes. This RR line poses a minimal concern to the flooding factor when compared to dated properties that remain unprotected in this region.

2. What obstacles, problems, or delays did the project encounter?

Problems working with the affected land owners adjacent to this track cause community unrest. The current RR line owner is uninterested in removing additional sections of the rail line that are meant to boost their businesses revenue.

3. If incomplete, is the project still relevant? Should the project be changed or revised?

Not a relevant project.

4. Other Comments

This project is canceled and will not be carried over into the next hazard mitigation plan update.