



MEETING NOTES

Meeting	Fulton County Hazard Mitigation Plan Risk Assessment/Capability Assessment Review Meeting		
Date	December 9, 2019	Time	6:00 – 7:00 p.m.
Location	Fulton County EOC Conference Room, Services for Children Building, 219 North Second Street, McConnellsburg, PA		
Attendees	Mary K. Seville, Planning & Mapping Director, Fulton County Planning & Mapping Department		
	Brian Barton, Fulton County Emergency Management Agency (EMA)/911		
	Jeremy Fletcher, Member, Fulton County Planning Commission		
	Seleen Shives, Fulton County Conservation District		
	Marlin E. Harr, Supervisor, Ayr Township		
	Delmas F. Bard, Supervisor, Brush Creek Township		
	Connie Hann, Secretary, Dublin Township and Todd Township		
	Rick Buterbaugh, Council Member, McConnellsburg Borough		
	Rod Kelly, Supervisor, Taylor Township		
	Murray Romig, Supervisor, Taylor Township		
	Eric Reckner, Emergency Management Coordinator, Thompson Township		
	Alan H. Michael, Supervisor, Union Township		
	Kriste Shoop, Fulton County Medical Center		
	Lisa Johnston, Fulton County Chamber of Commerce & Tourism		
	M. Hudson, Citizen		
Bob Povlich, Planning Coordinator, Franklin County Department of Emergency Services			

Discussion Points

This section summarizes each discussion point addressed during the Risk Assessment/Capability Assessment Review Meeting.

Welcome

Ms. Seville welcomed attendees to the meeting and the planning process. Attendees introduced themselves and identified the organizations they represented.

Worksheet Completion Status

The status of the Hazard Evaluation, Capability Assessment, Mitigation Strategy, and NFIP surveys that had been provided to the municipalities to complete was reviewed. At the start of the meeting, 9 of the 13 municipalities had completed the surveys. Reminders were provided to the remaining municipalities to complete and submit their worksheets prior to December 31, 2019.



MEETING NOTES

Risk Assessment Results

Ms. Seville reviewed the draft risk assessment results. She described the hazards that were profiled. High-risk hazards included flood, flash flood, ice jam; winter storm; transportation accidents; environmental hazards; and drought. Moderate-risk hazards included dam failure; earthquake; tornadoes and windstorms; subsidence and sinkholes; and radon exposure. Wildfire, hailstorm, and landslide were rated as low risk.

There was open discussion about the rankings and attendees agreed that the ratings appeared to be accurate based on information available. There was a discussion about a landslide on former Route 126 in Union Township, resulting in the road being closed to traffic. Other discussions included the following:

- Ensuring the two tornadoes in 2019 were included in the Tornadoes and Windstorms hazard profile
- Ensuring that the wildfire in Todd Township on November 27, 2019 was included in the Wildfire hazard profile.

The municipalities were then given a list of the hazards identified and were asked to compare their municipalities' risk to each hazard compared to the risk to the county as a whole.

Capability Assessment Results

The draft results of the capabilities assessment for the county and each municipality were reviewed. Each attendee was asked to review the capability assessment results, and to update the information to their current abilities. Municipalities were also reminded that the Fulton County Emergency Management Agency is available to assist municipalities in developing relevant capabilities.

Next Steps

The following next steps were reviewed at the meeting:

1. Municipalities that had not submitted their worksheets will do so.
2. Attendees will begin to identify mitigation actions for inclusion in the plan.
3. The Mitigation Solutions Workshop will be conducted on January 15, 2020.

The meeting adjourned at 7:00 p.m.



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**Fulton County
Hazard Mitigation Plan (HMP) Update
Risk Assessment/ Capability Assessment
Review Meeting**




1

Agenda

- Welcome
- Worksheet Completion Status
- Risk Assessment Results
- Capability Assessment Results
- Next Steps
- Questions



2

Welcome



3

Worksheet Completion Status

- Still need worksheets from 4 municipalities
- Participation status tracker available upon request
- Worksheet completion is a participation requirement for the HMP
 - Lack of participation in this HMP planning process can prevent funding eligibility



4

**Risk Assessment Results
Hazard Profiles**

- **Dam Failure**
 - 7 dams; 3 high hazard
 - History
 - No history of dam failures
 - Worst case
 - Cowan's Gap Dam
 - Population in the inundation area
 - People using the lake for recreation



5

**Risk Assessment Results
Hazard Profiles**

- **Drought**
 - History (1980-2016)
 - 28 drought watch declarations
 - 11 drought warning declarations
 - 12 drought emergency declarations
 - Nearly \$4.5 million in lost crop insurance payments within the County from 1948-2016
 - Exposure
 - 100,465 acres of farmland
 - \$12.3 million per year in agricultural products
 - \$63.6 million in livestock, poultry, and associated products



6



Risk Assessment Results Hazard Profiles

Earthquake

- History
 - None with epicenters in the County since 1950
- Exposure
 - Entire County
- Annualized losses
 - \$8,133
- Losses from 500-year Mean Return Period (MRP) event
 - \$746,000 in building damage
 - 3,230 tons of debris



7

Risk Assessment Results Hazard Profiles

Environmental Hazards (Hazardous Materials)

- History
 - 2 significant incidents since 2004
 - 4 major manure spills since 2002
 - No significant incidents since 2010
 - Many other small spills
- Exposure
 - 7,045 people within 0.25 mile of major roadway
 - 2,018 people within vulnerability radius of a hazmat facility
- Expected damage depends on the incident



8

Risk Assessment Results Hazard Profiles

Flood, Flash Flood, and Ice Jam (1% annual chance)

- History
 - County has been declared a federal disaster area 10 times since 1954
 - 17 major floods, flash floods, or ice jams since 1950
- Exposure
 - \$63.4 million in exposed property value
 - Expected losses (1% annual chance flood)
 - \$16,073,000 in property damage (including residential, commercial, and other occupancy types)
 - 1,180 tons of debris
 - 586 individuals displaced



9

Risk Assessment Results Hazard Profiles

Hailstorm

- History
 - Up to the size of a baseball
 - 14 major events since 1950
 - Very little reported damage
- Exposure
 - 100,465 acres of farmland
 - Nearly \$76 million in agricultural products



10

Risk Assessment Results Hazard Profiles

Landslide

- History
 - No recorded events or damage
- Exposure
 - Areas with greater than 25% slope
 - 176 residents in the landslide hazard area
 - \$34.9 million in property in the hazard area
- Expected losses depend on the nature and extent of the landslide



11

Risk Assessment Results Hazard Profiles

Radon Exposure

- High exposure potential
- Average level in Fulton County homes is 14 picoCuries per liter (pCi/L)
- EPA action level is 4 pCi/L
- U.S. average is about 1.3 pCi/L



12



Risk Assessment Results Hazard Profiles

- Subsidence and Sinkholes
 - Abandoned mines
 - Mined-out areas
 - Near-surface limestone
 - Profile analyzes exposure only on near-surface limestone
 - 4,721 people
 - \$940 million in structure replacement cost
 - 72 critical facilities



13

Risk Assessment Results Hazard Profiles

- Tornadoes and Windstorms
 - History
 - 5 tornadoes since 1950
 - 80 wind events from 1950–2019
 - Exposure
 - Entire County's building stock
 - Expected Losses - 500-year MRP event (39-73 mph [tropical storm])
 - \$640,000 in damage to building stock
 - 2,433 tons of debris (almost all tree debris)



14

Risk Assessment Results Hazard Profiles

- Transportation Accidents
 - History (2013-2017)
 - 1,270 major vehicle accidents
 - 24 fatalities
 - Potential economic impacts and other damage
 - Hazardous materials releases
 - Power failure from utility poles being damaged



15

Risk Assessment Results Hazard Profiles

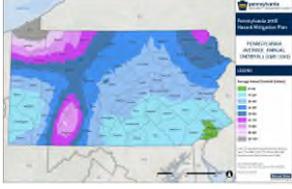
- Wildfire
 - History
 - 25 wildfires, 2011-2019
 - Does not include all events
 - Exposure
 - 10,006 people
 - 5,282 structures
 - \$1.5 billion in structure value




16

Risk Assessment Results Hazard Profiles

- Winter Storm
 - History
 - 53 major winter storm events since 1996
 - 6 disaster declarations since 1954
 - Exposure
 - All structures in the County are vulnerable
 - \$1.4 billion in structural value




17

Risk Assessment Results Risk Factor Analysis

- Risk Ranking for Fulton County

HAZARD	RISK	HAZARDS	RISK ASSESSMENT CATEGORY				RISK	
			PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	FACTOR (RF)
HIGH		Flood	3	4	4	3	4	3.6
		Winter Storm	4	3	4	1	4	3.4
		Transportation Accidents	4	2	2	4	2	2.8
		Environmental Hazards	3	2	2	4	3	2.6
MODERATE		Drought	3	1	4	1	4	2.5
		Dam Failure	1	3	2	4	3	2.3
		Earthquake	2	1	4	4	1	2.2
		Tornado Wind	4	1	1	4	1	2.2
		Subsidence/Sinkhole	3	1	1	4	4	2.2
LOW		Radio Exposure	4	1	1	3	1	2.1
		Wildfire	3	1	1	4	1	1.9
		Hallmark	2	1	2	3	1	1.7
		Landslide	1	1	1	4	4	1.6



18



Next Steps

- Complete Municipal Worksheets
- Identify Mitigation Actions
- Conduct Mitigation Solutions Workshop
– January 15, 2020



25

Questions?

Thank you for your time!



26

Contacts



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27



AGENDA

FULTON COUNTY HAZARD MITIGATION PLAN UPDATE Risk Assessment/Capability Assessment Review Meeting

Monday, December 9, 2019 | 6:00 – 8:00 p.m.

-
1. **Welcome**

 2. **Worksheet Completion Status**

 3. **Risk Assessment Results**
 - a. Hazard Profiles
 - b. Risk Factor Analysis

 4. **Capability Assessment Results**

 5. **Next Steps**

 6. **Questions**



Fulton County Hazard Mitigation Plan
Risk Assessment/Capability Assessment Review Meeting

Worksheet Completion Status

Municipality	Hazard Evaluation Survey	Capability Assessment Survey	Mitigation Strategy Survey	NFIP Survey
Fulton County	x	x	x	N/A
Ayr Township	x	x	x	x
Belfast Township	x	x	x	x
Bethel Township	x	x	x	x
Brush Creek Township	x	x	x	x
Dublin Township	x	x	x	x
Licking Creek Township	x	x	x	x
McConnellsburg Borough				
Taylor Township	x	x	x	x
Thompson Township	x			
Todd Township	x	x	x	x
Union Township	x	x	x	x
Valley-Hi Borough				
Wells Township				

Information current as of 11/18/19



Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Risk Ranking for Fulton County

HAZARD RISK	HAZARDS	RISK ASSESSMENT CATEGORY					RISK FACTOR (RF)
		PROBABILITY	IMPACT	SPATIAL EXTENT	WARNING TIME	DURATION	
HIGH	Flood, Flash Flood, Ice Jam	3	4	4	3	4	3.6
	Winter Storm	4	3	4	1	4	3.4
	Transportation Accidents	4	2	2	4	2	2.8
	Environmental Hazards	3	2	2	4	3	2.6
	Drought	3	1	4	1	4	2.5
MODERATE	Dam Failure	1	3	2	4	3	2.3
	Earthquake	2	1	4	4	1	2.2
	Tornadoes and Windstorms	4	1	1	4	1	2.2
	Subsidence and Sinkholes	3	1	1	4	4	2.2
	Radon Exposure	4	1	1	3	1	2.1
LOW	Wildfire	3	1	1	4	1	1.9
	Hailstorm	2	1	2	3	1	1.7
	Landslide	1	1	1	4	4	1.6

Fulton County Hazard Mitigation Plan
Risk Assessment/Capability Assessment Review Meeting

Summary of Risk Factor (RF) Approach				
Risk Assessment Category	Degree of Risk			Weight Value
	Level	Criteria	Index	
PROBABILITY <i>What is the likelihood of a hazard event occurring in a given year?</i>	UNLIKELY	LESS THAN 1% ANNUAL PROBABILITY	1	30%
	POSSIBLE	BETWEEN 1% & 49.9% ANNUAL PROBABILITY	2	
	LIKELY	BETWEEN 50% & 90% ANNUAL PROBABILITY	3	
	HIGHLY LIKELY	GREATER THAN 90% ANNUAL PROBABILITY	4	
IMPACT <i>In terms of injuries, damage, or death, would you anticipate impacts to be minor, limited, critical, or catastrophic when a significant hazard event occurs?</i>	MINOR	VERY FEW INJURIES, IF ANY. ONLY MINOR PROPERTY DAMAGE & MINIMAL DISRUPTION ON QUALITY OF LIFE. TEMPORARY SHUTDOWN OF CRITICAL FACILITIES.	1	30%
	LIMITED	MINOR INJURIES ONLY. MORE THAN 10% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR MORE THAN ONE DAY.	2	
	CRITICAL	MULTIPLE DEATHS/INJURIES POSSIBLE. MORE THAN 25% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR MORE THAN ONE WEEK.	3	
	CATASTROPHIC	HIGH NUMBER OF DEATHS/INJURIES POSSIBLE. MORE THAN 50% OF PROPERTY IN AFFECTED AREA DAMAGED OR DESTROYED. COMPLETE SHUTDOWN OF CRITICAL FACILITIES FOR 30 DAYS OR MORE.	4	
SPATIAL EXTENT <i>How large of an area could be impacted by a hazard event? Are impacts localized or regional?</i>	NEGLIGIBLE	LESS THAN 1% OF AREA AFFECTED	1	20%
	SMALL	BETWEEN 1 & 10.9% OF AREA AFFECTED	2	
	MODERATE	BETWEEN 11 & 25% OF AREA AFFECTED	3	
	LARGE	GREATER THAN 25% OF AREA AFFECTED	4	
WARNING TIME <i>Is there usually some lead time associated with the hazard event? Have warning measures been implemented?</i>	MORE THAN 24 HRS	SELF-DEFINED	1	10%
	12 TO 24 HRS	SELF-DEFINED	2	
	6 TO 12 HRS	SELF-DEFINED	3	
	LESS THAN 6 HRS	SELF-DEFINED	4	
DURATION <i>How long does the hazard event usually last?</i>	LESS THAN 6 HRS	SELF-DEFINED	1	10%
	LESS THAN 24 HRS	SELF-DEFINED	2	
	LESS THAN 1 WEEK	SELF-DEFINED	3	
	MORE THAN 1 WEEK	SELF-DEFINED	4	

Example Equation

$$\text{RF Value} = [(\text{Probability} \times .30) + (\text{Impact} \times .30) + (\text{Spatial Extent} \times .20) + (\text{Warning Time} \times .10) + (\text{Duration} \times .10)]$$

Jurisdiction Risk - _____ (Municipality)

Dam Failures	Drought	Earthquake	Environmental Hazards	Flooding/Flash Flood/Ice Jam	Hailstorm	Landslide	Radon Exposure	Subsidence and Sinkholes	Tornado/Windstorm	Transportation Accidents	Wildfire	Winter Storm
2.3	2.5	2.2	2.6	3.6	1.7	1.6	2.1	2.2	2.2	2.8	1.9	3.4

- > Your municipality’s risk from this hazard is greater than the County’s risk as a whole.
- < Your municipality’s risk from this hazard is less than the County’s risk as a whole.
- = Your municipality’s risk from this hazard is about the same as the County’s risk as a whole.

Capability Assessment Tables

The criteria for the assessments for each Fulton County municipality are listed in the tables on the following pages:

- Table 1 lists criteria for the planning and regulatory capability.
- Table 2 lists criteria for administrative and technical capability.
- Table 3 lists fiscal capability.
- Table 4 lists education and outreach capability.
- Table 5 presents a capability self-assessment matrix.

Table 1. Planning and Regulatory Capability

Municipality	Hazard Mitigation Plan	EOP	Disaster Recovery Plan	Evacuation Plan	COOP Plan	NFIP	NFIP – CRS	Floodplain Regulations	Floodplain Mgmt. Plan	Zoning Regulations	Subdivision Regulations	Comprehensive Land Use Plan (or General, Master, or Growth Mgmt. Plan)	Open Space Mgmt. Plan	Stormwater Mgmt. Plan/Ordinance	Natural Resource Protection Plan	Capital Improvements Plan	Economic Dev. Plan	Historic Preservation Plan	Farmland Preservation	Building Code	Fire Code	Other
Fulton County	X	X	-	-	X	N/A	N/A	N/A	-	-	-	X	X	X	-	-	-	-	-	-	-	-
Ayr Township	X	X	-	-	-	X	-	X	-	-	X	-	-	X	-	-	-	-	-	X	-	X*
Belfast Township	X	X	-	-	-	X	-	X	-	-	X	X	X	X	-	-	-	-	-	X	-	-
Bethel Township	X	X	-	-	-	X	-	X	-	-	X	X	X	X	-	-	-	-	-	-	-	-
Brush Creek Township	X	X	-	-	-	X	-	X	-	-	X	X	-	X	-	-	-	-	X	X	-	-
Dublin Township	X	-	-	-	-	X	-	X	-	-	X	-	-	X	-	-	-	-	-	X	-	-
Licking Creek Township	X	X	-	-	X	X	-	X	-	-	X	X	X	X	-	-	-	-	-	X	-	X*
McConnellsburg Borough	X	X	-	-	-	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Taylor Township	X	X	-	-	-	X	-	X	-	-	X	-	-	X	-	-	-	-	-	-	-	-
Thompson Township	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Todd Township	X	X	-	-	-	X	-	X	-	-	X	X	-	X	-	-	-	-	-	X	-	-
Union Township	X	X	-	-	-	X	-	X	-	-	X	X	X	X	-	-	-	-	X	X	-	-
Valley-Hi Borough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wells Township	X	X	-	-	-	X	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Notes:

“X” indicates that the municipality currently has this capability in place.

“-” indicates no capability is currently in place.

Highlight indicates values shown are from the 2015 HMP.

Blanks indicate that no information was received from the municipality for the current effort or the 2015 HMP.

COOP

CRS

EOP

NFIP

Continuity of Operations

Community Rating System

Emergency Operations Plan

National Flood Insurance Program



Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Table 2. Administrative and Technical Capability

Municipality	Planners (with land use/land development knowledge)	Planners or Engineers (with natural and/or human-caused hazards knowledge)	Engineers or Professionals trained in building and/or infrastructure	Emergency Manager	NFIP Floodplain Administrator	Land Surveyors	Scientists or Staff familiar with the hazards of the community	Personnel skilled in GIS and/or the FEMA HAZUS program	Grant Writers or Fiscal Staff to handle large/complex grants	Staff with expertise or training in Benefit-Cost Analysis	Other
Fulton County	X	-	-	X	N/A	-	X	X	-	-	-
Ayr Township	-	-	X	-	X	-	-	-	-	-	-
Belfast Township	-	-	X	-	X	-	-	-	-	-	-
Bethel Township	-	-	X	X	X	X	-	-	-	-	-
Brush Creek Township	-	-	X	X	X	X	-	-	-	-	-
Dublin Township	-	-	-	-	X	-	-	-	-	-	-
Licking Creek Township	-	-	X	X	X	-	-	-	-	-	-
McConnellsburg Borough	-	X	X	X	X	-	-	-	-	-	-
Taylor Township	-	-	X	X	X	-	-	-	-	-	-
Thompson Township	-	-	X	X	X	-	-	-	-	-	-
Todd Township	-	-	-	-	X	-	-	-	-	-	-
Union Township	X	-	-	X	X	-	-	-	-	-	-
Valley-Hi Borough	-	-	-	-	-	-	-	-	-	-	-
Wells Township	-	-	-	X	X	-	-	-	-	-	-

Notes:

“X” indicates that the municipality currently has this capability in place.

“-” indicates no capability is currently in place.

Highlight indicates no response was received from the municipality for the current effort. Values shown are from the 2015 HMP.

FEMA Federal Emergency Management Agency
GIS Geographic Information System

HAZUS Hazards U.S. – Multi-Hazard
NFIP National Flood Insurance Program



Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Table 3. Fiscal Capability

Municipality	Capital Improvements Program	Community Development Block Grants (CDBG)	Special Purpose Taxes	Gas/Electric Utility Fees	Water/Sewer Fees	Stormwater Utility Fees	Development Impact Fees	General Obligation, Revenue, and/or Special Tax Bonds	Partnering Arrangements or Intergovernmental Agreements	Other
Fulton County	-	-	-	-	-	-	-	-	-	-
Ayr Township	-	-	-	-	-	-	-	-	-	-
Belfast Township	-	-	-	-	X	-	-	-	-	X*
Bethel Township	-	X	-	-	X	-	-	-	-	-
Brush Creek	-	-	-	-	-	-	-	-	-	-
Dublin Township	-	-	-	-	-	-	-	-	-	-
Licking Creek	-	X	-	-	-	-	-	-	-	-
McConnellsburg Borough	-	-	-	-	-	-	-	-	-	-
Taylor Township	-	-	-	-	-	-	-	-	-	-
Thompson Township	-	-	-	-	-	-	X	X	X	-
Todd Township	-	X	-	-	X	-	-	-	-	-
Union Township	-	-	-	-	-	-	-	-	-	-
Valley-Hi Borough										
Wells Township	-	-	-	-	-	-	-	-	-	-

Notes:

"X" indicates that the municipality currently has this capability in place.

"-" indicates no capability is currently in place.

Highlight indicates no response was received from the municipality for the current effort. Values shown are from the 2015 HMP.

Blank space indicates no response was received from the municipality for the current effort or 2015 HMP.



Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Table 4. Education and Outreach Capability

Municipality	Firewise Communities Certification	StormReady Certification	Natural Disaster or Safety-Related School Programs	Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental	Public-private partnership initiatives addressing disaster-related issues	Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Other
Fulton County	-	X	X	-	-	-	-
Ayr Township	-	X	-	-	-	-	-
Belfast Township	-	X	-	-	-	-	-
Bethel Township	-	X	-	-	-	-	-
Brush Creek Township	-	X	-	-	-	-	-
Dublin Township	-	X	-	-	-	-	-
Licking Creek Township	-	X	-	-	-	-	-
McConnellsburg Borough		X					
Taylor Township	-	X	-	-	-	-	-
Thompson Township		X					
Todd Township	-	X	-	-	-	-	-
Union Township	-	X	-	-	-	-	-
Valley-Hi Borough		X					
Wells Township		X					

Notes:

“X” indicates that the municipality currently has this capability in place.

“-” indicates no capability is currently in place.

Blank space indicates no response was received from the municipality.

Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Table 5. Capability Self-Assessment Matrix

Municipality	Capability Category			
	Planning and Regulatory Capability	Administrative and Technical Capability	Financial Capability	Education and Outreach Capability
Fulton County	M	M	L	M
Ayr Township	M	M	M	M
Belfast Township	L	L	L	L
Bethel Township				
Brush Creek Township	M	H	M	M
Dublin Township	M	M	M	L
Licking Creek Township	M	M	L	L
McConnellsburg Borough	M	M	H	
Taylor Township	M	M	L	
Thompson Township	H	H	H	
Todd Township	M	M	M	L
Union Township	L	L	L	L
Valley-Hi Borough				
Wells Township	M	M	L	

Notes:

Blank space indicates no response received from the municipality for the 2015 HMP update or the current effort.

Highlight indicates no response received from the municipality for the current effort. Values shown are from the 2015 HMP.

- L = Limited
- M = Moderate
- H = High





Please provide the following information for the update of actions and initiatives for your mitigation strategy. Suggested actions have been developed based on an analysis of Fulton County's needs and capabilities or were carried over from the previous hazard mitigation plan (HMP) update. If questions do not apply to your municipality, please indicate with N/A.

Please provide as much detail as possible so that mitigation actions can be expanded and customized for your municipality to accurately reflect your capabilities and methods of operation.

1. Which properties in your jurisdiction are most at-risk to flood events and would have the greatest need for retrofitting or other flood hazard mitigation measures? All repetitive loss and severe repetitive loss properties should be included. Specific property addresses do not need to be listed, (to ensure residential privacy) but names of streets or neighborhoods can be included.

2. What public outreach and education actions would you be most interested in implementing?
 - A. Provide general natural hazard risk preparedness and mitigation and related National Flood Insurance Program (NFIP) information in regular newsletters and mailings.
 - B. Provide natural hazard risk and risk reduction information through social media channels and e-mail blast systems.
 - C. Post flyers and other readily available NFIP informational materials at municipal hall or distribute at regular civic meetings.
 - D. Develop/maintain a natural hazard risk management webpage on the municipal website where information and mapping can be posted.
 - E. Encourage regular offerings of the American Red Cross Citizen's Disaster Course and other relevant classes.
 - F. Encourage private business owners and managers of infrastructure that provide critical services in post-disaster situations to develop Continuity of Operations Plans or Business Continuity Plans.
 - G. Enhance public outreach to residents in NFIP floodplain areas to inform them of annual grant opportunities, which may include distributing periodic articles and including handouts in the annual newsletter.
 - H. Other:

3. Which critical facilities still need or would benefit from a backup generator or redundant power supply?



4. Which roads would benefit from mitigation or structural projects to reduce vulnerability to hazardous materials (HazMat) incidents? Also, please specify the types of projects that would most help a high-risk road (for example, lower speed limits), if this information is available.

5. Which roads would benefit from mitigation or structural projects to reduce vulnerability to flood or stormwater incidents? Also, please specify the types of projects that would most help a high-risk road (for example, new/expanded culvert, road elevation, repaving, etc.), if this information is available.

6. What areas in the municipality are still in need of stormwater rehabilitation and upgrades?

7. What other roads in the municipality are considered high-risk and would benefit from improved design, routing, and traffic control functions? Which hazards (if any) are these roads most vulnerable to?

Hazards being profiled in the HMP are dam failure, drought, earthquake, environmental hazards (hazardous materials releases), flood, hailstorm, landslide, radon exposure, subsidence and sinkholes, tornadoes and windstorms, transportation accidents, wildfire, and winter storms.

8. What other mitigation projects are you interested in or targeting for completion during the next 5 years? Please provide as much detail as possible.



FULTON COUNTY HAZARD MITIGATION PLAN UPDATE
 Risk Assessment/Capability Assessment Review Meeting

SIGN-IN

Monday, December 9, 2019 | 6:00 – 8:00 p.m.

NAME / TITLE	AGENCY / ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Murray Romig Supervisor	Taylor Twp.		814 685-3857
Rod Kelly Supervisor	Taylor Twp.	d.kelly@taylorwp.pa.gov	717 987-5836
Joe Shuster	Chamber of Commerce	director@fultoncountypa.com	717-485-4864
Shirley Sharp	EMC	kshoop@emc.pa.org	717-485-7309
Marilyn Haas	PA & Twp		717-814-8614
BOB PAULICH RAVING COORDINATOR	FRANKLIN CO. DEPT OF EMER. SVCS.	rpaulich@franklincountypa.gov	717-264- 2813
Gunnir Hinn TODD Dublin Secretary	Dublin Township Twp	Chann@Dtnet	717-987- 4219
Brian Boster	Fulton County EMA		
DELMAS F BARD	BUSH CREEK	dfbard@y4hwa.com	301 667 3219
Mark Sewille	Fulton Co. Planning	msewille@fulton-pa.us	919-485-3919





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NAME / TITLE	AGENCY / ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
M Hudson	City of	webstersm11@aol.com	
Jeremy Fether	FERC	jfether@ees-engr.com	816-5483
Sileen Shives	FCCD	sileen@fulthncountycnservationdistrict.org	325-6093
Ann L. N. S. D.	Union	ANN@UNION.S.W.VA	717-503-3547
Rick Botschugh	McCbg Boro		717-485-5511
ERIC Beckner	THOMPSON TOWNSHIP	ERIK189@AOL.COM	443-871-6770

