

Hazard Identification and Risk Evaluation Worksheet

Name: Mary K. Scaville Title: Planning Director
 Jurisdiction: Fulton County

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community?		Additional Comments
	NC = No Change; I = Increase; D = Decrease <small>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</small>		
Natural Hazards			
Drought	NC		
Earthquake	NC		
Flood, Flash Flood, and Ice Jam	NC		
Hailstorm	NC		
Landslide	NC		
Radon Exposure	NC		
Subsidence and Sinkhole	NC		
Tornado and Whirlstorm	NC		
Wildfire	NC		
Winter Storm	NC		
Human-made Hazards			
Dam Failure	NC		
Environmental Hazards	NC		
Transportation Accident	NC		

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

- Avalanche
- Coastal Erosion
- Dust, Sand Storm
- Extreme Temperatures
- Expansive Soils
- Hurricane
- Invasive Species
- Lightning - add in w/ storms
- Pandemic
- Tsunami
- Volcano

Human-Caused

- Building or Structure Collapse
- Civil Disturbance
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Mass Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:



Capability Assessment Survey

Jurisdiction: Fulton County
 Phone: 717-485-3777

Project Contact Name and Title: Mary K. Scaville, Planning Director
 Email: MScaville@co.fulton.pa.us

Capability Assessment Survey

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated		
EXAMPLE: Hazard Mitigation Plan	X	1/11/2018	Hazard Control Dept.	10-year update in 2018; revised on (initial) strategy; completed one action.
Hazard Mitigation Plan	X	9/25/2015	Fulton County EMA	
Emergency Operations Plan	X	10/24/2019	Fulton County EMA	Update to be finished by 10/2021
Disaster Recovery Plan				
Evacuation Plan				
Continuity of Operations Plan	X	11/01/2014	Fulton County EMA	Continuity being developed 2019.
MFP	X	2011		
MFP - Community Rating System				
Floodplain Regulations (2005, NFIP)				
Flood Damage Prevention Ordinance)				
Floodplain Management Plan				
Zoning Regulations				



Capability Assessment Survey

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated		
Subdivision Regulations				
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X	2018	Fulton Co Planning	
Open Space Management Plan (or Parks, or Greenways Plan)	X	2009	Fulton Co Planning	Right of Greenways Plan
Stormwater Management Plan / Ordinance	X	2011	Fulton Co Planning	
Natural Resource Protection Plan				
Capital Improvement Plan				
Economic Development Plan				
Historic Preservation Plan				
Farmland Preservation				
Building Code				
Fire Code				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
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				
Partnership Arrangements or Inter-governmental Agreements				
Other				

2. **Administrative and Technical Capabilities:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if Yes, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X			
Planners or engineers (with natural and/or human caused hazards knowledge)				
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				
Emergency Manager	X			
NHP Floodplain Administrator				
Land Surveyors				
Scientists or staff familiar with the hazards of the community	X			
Personnel skilled in GIS and/or HAZUS program	X			
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefit-cost analysis				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability	X		
Education and Outreach		X	

4. **Education and Outreach:** Identify education and outreach programs already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs	X		Fulton County EMA	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
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				

Requirement	Response (Yes/No/Partly)	Comments
1) Has the municipality adopted a complaint floodplain management ordinance that, at a minimum, regulates the following: a) proposed development in the Special Flood Hazard Areas (SFHA)?	Yes, specify the office responsible.	N/A
2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or future BFE data for subdivision projects and other development projects larger than 50 lots or 5 acres?	Yes, specify the office responsible.	
3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage? a) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	Yes, specify the office responsible. If no, specify the office responsible.	
b) If a complaint floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	Yes, specify how.	

MUNICIPALITY: Fulton County

Requirement	Response (Yes/No/Partly)	Comments
4) Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	X Copies in Planning Office
b) Has the municipality adopted the most current or FIRM/DFIRM and FIS?	State the date of adoption, if approved.	N/A
c) Does the municipality support requests for map updates?	Yes, specify how.	
d) Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	Yes, specify how.	
e) Does the municipality provide assistance with local floodplain determinations?	Yes, specify how.	
f) Does the municipality maintain a record of approved Localized Map Changes?	If yes, specify the responsible office.	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Maya Smith Title: Mayor/Deputy Jurisdiction: Fulton County

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation strategies?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concepts that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format using a flip chart. The questions are standard, however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Requirement	Response (Yes/No/Partly)	Comments
2) HAZARDOUS MATERIALS a) Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Hearing System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufacture homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	N/A
3) FLOOD RESISTANCE a) Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	N/A
b) Does the municipality inform community property owners about changes to the DFIRM/DFIRM that would impact their insurance rates?	If yes, specify how.	
c) Does the municipality provide special assistance to community members regarding insurance issues?	If yes, specify how.	

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

No change

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goal	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

Mitigation Action Plan Review Worksheet
Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown / In Progress / Not Yet Complete / Continuous / Completed / or Discontinued". Include review comments for each action.

Existing Mitigation Action	No Progress / Not Yet Complete	In Progress	Status			Review Comments
			Continuous	Completed	Discontinued	
FC-1. County - Develop and conduct regular course and training for citizens involved with Tulare County CERT and Citizen Corps. Sample educational activities could include: website, e-book, and News for subscribers opportunities.			X			for this activity been integrated into the emergency's review department.
FC-1. County - Engage the process to review and revise existing subdivision and fire development regulations to minimize flood risk. Subdivisions/developing and other hazard risks as appropriate. This effort may be multi-municipal/applicable, as well as other activities allow. County can consider public outreach activities (workshops, displays, and public presentations) to identify other stakeholders, transparency, and multi-municipal/regional collaboration.				X		The County completed a plan implementable comprehensive plan with the 5 other counties in the Southern Alleghenies region.
FC-3. County and all municipalities - Develop and implement a enhanced education, public outreach/production/information program, program for schools and a non-scholastic education of future residents upon the history of mitigation and preparedness, including flood inundation.			X			for this activity been integrated into the emergency's review department.

Suggested Additional Goals and/or Objectives

Goal	Objective	Objective	Objective	Objective	Comments
Goal					
Objective					
Objective					
Objective					
Objective					
Goal					
Objective					
Objective					
Objective					

Existing Mitigation Action	Status					Review Comments
	ML Progress (Not Yet Completed)	In Progress (Not Yet Completed)	Completed	Discontinued	Discontinued	
FC-1. County - Strengthen the County's domestic animal health surveillance by formalizing the Fulton County agricultural community with the local health care providers and conditions related to animal health care. See also the Pennsylvania Domestic Animal Act (Act 104 of 1995).		X				Has this activity been integrated into the municipality's normal operations? No. State Extension involved.
FC-3. County - Work with the County's agricultural community to develop and implement the CAPT to strengthen the County's wildlife/disease emergency management program.		X				Has this activity been integrated into the municipality's normal operations? No. State Extension involved.
FC-10. County - Collaborate with the ZADP-Duquesne Health Protection to evaluate the State's flood awareness campaign and public service announcements are disseminated throughout Tuson County. This could include collateral and website development/links. County public service announcements could be disseminated through the WPAJ radio station in Duquesne.		X				Has this activity been integrated into the municipality's normal operations? No. State Extension involved.
FC-13. Duquesne Township - Obtain an engineering study to redesign the intersection at Taylor Road and Winton Hill Road in Duquesne Township. Duquesne emergency vehicles have difficulty making the turn at this intersection.		X				Has this activity been integrated into the municipality's normal operations? No. State Extension involved.
FC-17. Duquesne Township - Research and conduct a study to improve the condition of Taylor Road Bridge in Duquesne Township, and implement appropriate capital fund projects and other follow-up actions.		X				Has this activity been integrated into the municipality's normal operations? No. State Extension involved.

Existing Mitigation Action	Status					Review Comments
	ML Progress (Not Yet Completed)	In Progress (Not Yet Completed)	Completed	Discontinued	Discontinued	
FC-4. County and All Municipalities - Encourage cross-training of existing personnel on either County personnel resources, training and building permit to enhance local administrative and technical ability. Areas for further professional development may include planning, operations, financial administration, hazardous waste management, permit writing and funding, and cost/benefit analysis.			X			Has this activity been integrated into the municipality's normal operations?
FC-5. County - Evaluate the need for a voluntary animal waste/nuisance/fertilizer self-reporting program for farmers, CAFO facilities, and other relevant organizations. Consider that the County can more adequately estimate the amount of hazardous biological waste transported through the County and set that additional mitigation strategy measures as they are implemented, if necessary.		X				Has this activity been integrated into the municipality's normal operations?
FC-6. County - Create and maintain a web-based directory of the County's animal needs population to strengthen emergency response and coordination operations.		X				Has this activity been integrated into the municipality's normal operations?
FC-7. County - Encourage appropriate private, industrial, governmental, and multi-utility sector providers have a current environmental emergency response plan per the Federal Clean Water Act the Pennsylvania Clean Streams Law (35 P.S. §§603.1-603.1002), the Pennsylvania Soil Fertilizer Management Act, the Pennsylvania State Park and the Oil Pollution Act, and regarding ground water protection.		X				Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	ML Progress (Not Yet Completed)	In Progress (Not Yet Completed)	Completed	Discontinued	Discontinued	
FC-22. Berne Township - Increase visibility at the intersection of Great Cove Road (US 522) and Behind Church Road in Berne Township.						Has this activity been integrated into the municipality's normal operations?
FC-23. Berne Township - Increase visibility at the intersection of SR-604 and Spring Road in Berne Township.						Has this activity been integrated into the municipality's normal operations?
FC-24. Berne Township - Increase visibility at the intersection of Steyer Creek Road and Back Oak Road in Berne Township.						Has this activity been integrated into the municipality's normal operations?
FC-25. Berne Township - Increase visibility at the intersection of Back Valley Road and Maple Chapel Road in Berne Township.						Has this activity been integrated into the municipality's normal operations?
FC-26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the 1-percent chance floodplain to determine the best property protection methods to promote with individual property owners. <ul style="list-style-type: none"> • Hazard or replacement value • Floodplain elevation • Number of stories • Presence of a basement 			X			Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	ML Progress (Not Yet Completed)	In Progress (Not Yet Completed)	Completed	Discontinued	Discontinued	
FC-13. Grafton Township - Research corrective action to prevent flooding of Park Road in Grafton Township and implement if feasible.						Has this activity been integrated into the municipality's normal operations?
FC-14. Grafton Township - In Berne Township, cut the back of 834 at 779 Back Park Road to improve SRP1 and to allow more space on the road.						Has this activity been integrated into the municipality's normal operations?
FC-15. Union Township - In Union Township, continue to purchase political channels and collaborate with state agencies (e.g., PennDOT) to study and maintain the state project T-366 (DOT 126).						Has this activity been integrated into the municipality's normal operations?
FC-16. New Township - In New Township, identify and implement response to improve stormwater management using the 15-foot from the Value 21 (TRP) Station.		X				Has this activity been integrated into the municipality's normal operations?
FC-17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.			X			Has this activity been integrated into the municipality's normal operations?
FC-18. County - Conduct, review or facilitate joint working meetings for municipal officials and other relevant personnel.			X			Has this activity been integrated into the municipality's normal operations?
FC-19. Todd Township - Replace three fire alarm jobposts in Todd Township with one square mile.						Has this activity been integrated into the municipality's normal operations?
FC-20. Union Creek Township - Construct a bridge on Back Road (SRP1) in Union Creek Township over the creek bed.						Has this activity been integrated into the municipality's normal operations?
FC-21. Berne Township - Increase visibility at the intersection of Great Cove Road (US-522) and Alpine Road in Berne Township.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No. Progress/ Unfinished	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-35: County - Coordinate with the conservation and education offices to provide education and training to emergency responders, managers, and municipal officials. Topics focus could include modules from the Emergency Operations Plan, Crisis Communications, Volunteer Mobilization, and recovery/evacuation strategies.			X			Has this activity been incorporated into the municipality's normal operations?
FC-36: County and All Municipalities - Encourage major employers and other facilities to participate in the secondary stormwater programs. Stormwater runoff could occur through aerial and ground level, personal bar catch, and spilling events at local service organizations (e.g. Recreator Center events).			X			Has this activity been incorporated into the municipality's normal operations?
FC-37: County and All Municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of a emergency.			X			Has this activity been incorporated into the municipality's normal operations?
FC-38: County and All Municipalities - Identify and fill gaps in information required to conduct vulnerability analyses to hazard types.			X			Has this activity been incorporated into the municipality's normal operations?
FC-39: County and All Municipalities - Evaluate existing road capacity with concern to increased truck and utility traffic on local roads and implement road improvements as justifiable.			X			Has this activity been incorporated into the municipality's normal operations?
FC-40: Thompson Township - In Thompson Township, implement (or sign the implementation of Deer Head (1-35) and Miller Ridge Road (SR 2807) to allow for the passage of emergency vehicles.		X				Township applied for multi-modal plans to be done in 2018
FC-41: Taylor Township - In Taylor Township, conduct road improvements on Deer Head (1-35).						

Existing Mitigation Action	Status					Review Comments
	No. Progress/ Unfinished	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-28: All Municipalities - Comply with foundation requirements and building code regulations by requiring foundations and improved footing strategies, utility and existing manufactured homes and residences at the County.						Has this activity been incorporated into the municipality's normal operations?
FC-29: County - Establish a fire area program in the County, especially around the Meadow Grounds Lake, Cowen Gap State Park, and Brezewood Park. Part of this initiative could include visual development of impacted areas, public review announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Wild and Urban landscapes.		X				Elms will be cut with Dept. of Forestry to see what is required.
FC-30: County - Identify and apply for funding to enhance the County's radio system.			X			Has this activity been incorporated into the municipality's normal operations?
FC-31: County and All Municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.			X			Has this activity been incorporated into the municipality's normal operations?
FC-32: South Township - Install fire hydrant locations along SR 055 to assist the firehouse, Fire Company.						
FC-33: County - Protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other materials developed for related initiatives.			X			Has this activity been incorporated into the municipality's normal operations?
FC-34: County - Implement programs (dams) necessary by the Conservation District.			X			

Existing Mitigation Action	Status					Review Comments
	No. Progress/ Unfinished	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-30: All Municipalities - Consider promoting or adopting higher regulatory and zoning standards to manage flood hazard risk, specifically through: <ul style="list-style-type: none"> Support planning board or adjustment committees in cases where appeals are directly tied to compliance with the strict of floodplain regulations (e.g. overall building height, setbacks for inland waterways). Develop and adopt a cumulative substantial danger/improvements ordinance. 						Has this activity been incorporated into the municipality's normal operations?
FC-31: County and All Municipalities - Continue to promote Urban Growth and development in the County in areas outside of determined hazard zones, where possible.			X			Has this activity been incorporated into the municipality's normal operations?
FC-32: County - Request digital copies of emergency action maps (e.g.) and inundation maps when high-hazard areas are not updated.		X				Has this activity been incorporated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 12/25/18. Township received multimodal funding in 2018.

Existing Mitigation Action	Status					Review Comments
	No. Progress/ Unfinished	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-42: Jayco Township - In Taylor Township, conduct inspection improvements and cut the bank back at Fisher Road and Westfall Road.						
FC-43: Union Township - In Union Township, conduct inspection improvements at Harmonia Road (S.R. 3002) and Lehman Road (T-308).						
FC-44: Union Township - In Union Township, conduct inspection improvements at Harmonia Road (S.R. 3002) and Stable Road (T-314).						
FC-45: Pottin Township - In Dublin Township, conduct inspection improvements at Vesperfall Road (S.R. 475) and Battle Ridge Road (T-425).						Supervisors are monitoring it.
FC-46: Any township - In any Township, identify, correct or address major road (S.R. 1221) by Wagonwheel Lane to alleviate transportation accidents and dangerous road conditions on road route.						
FC-47: Taylor Township - In Taylor Township, identify and coordinate with PennDOT to improve infrastructure improvements to the two state bridges along 555 between Westfall Road and Hudsonville.						
FC-48: Thompson Township - In Thompson Township, remove the collapsed metal culvert carrying West Orchard Road (T-305) over Ditch 879.						
FC-49: Union Township - In Union Township, maintain and upgrade bridge (No. 3 on Stable Ridge Road (T-350), as needed.		X				On 1/18

Hazard Identification and Risk Evaluation Worksheet

Name: Martin E. Harr Title: Supervisor
 Jurisdiction: Age Township

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change; I = Increase; D = Decrease (Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake		
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm		
Landslide		
Radon Exposure		
Subsidence and Sinkhole		
Tornado and Windstorm		
Wildfire		
Winter Storm		
Human-made Hazards		
Dam Failure		
Environmental Hazards		
Transportation Accident	NC	

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the boxes below.

Nature:

- Avalanche
- Coastal Erosion
- Drought
- Extreme Temperatures
- Livestock Slaughter
- Hurricane
- Invasive Species
- Lightning
- Pandemic
- Tornado
- Volcano

Human-Caused:

- Burning of Structures/Debris
- Civil Disturbances
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Heavy Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:

Capability Assessment Survey

Jurisdiction: Age Township
 Phone: 717-485-3858

Point of Contact Name and Title: Martin E. Harr, Chairman
 E-mail: martin@agetwp.com

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. They for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated		
Hazard Mitigation Plan	X	9/26/2015	Fulton County EMA	
Emergency Operations Plan	X	1/14/17	Fulton County EMA	
Disaster Recovery Plan				
Evaluation Plan				
Community of Operations Plan				
HMP	X	all/17		
NEP - Community Rating System				
Floodplain Regulations (Spec. HMP)				
Flood Damage Prevention Ordinance				
Floodplain Management Plan				
Zoning Regulations				

Jurisdiction Risk - High

High

(Municipality)

**Fulton County Steering Committee
 Risk Assessment/Capability Assessment Review Meeting**

Hazard	Risk	County Risk
Dam Failures	2.3	2.3
Drought	2.5	2.5
Earthquake	2.2	2.2
Environmental Hazards	2.6	2.6
Flooding/Flash Flood/Ice Jam	1.4	1.4
Hailstorm	1.7	1.7
Landslide	1.6	1.6
Radon Exposure	2.1	2.1
Subsidence and Sinkholes	2.2	2.2
Tornado/Windstorm	2.2	2.2
Transportation Accidents	2.5	2.5
Wildfire	1.9	1.9
Winter Storm	2.4	2.4

- > 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.

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other attachments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Hazards (with land use / land development knowledge)		X		
Planners or engineers with natural and/or human-caused hazards knowledge		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X			
Emergency Manager		X		
MHP Hazard Mitigation Administrator		X		
Land Surveyors		X		
Scientists or staff familiar with the hazards of the surrounding		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Unit workers or fiscal staff to handle in-person complex grants		X		
Staff with expertise or training in benefit cost analysis		X		
Other		X		

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification		X		
Scientific or certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster related issues		X		
Local tribes groups or nonprofit organizations focused on environmental protection, emergency preparedness, safety and functional needs populations, etc.		X		
Other		X		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)		X		
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Stormwater Utility Fees		X		
Developmental Impact Fees		X		
General Obligation, Revenue, and/or Special Tax Bonds		X		
Partnership Arrangements or Intergovernmental Agreements		X		
Other		X		

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Avr Township

1. FLOODPLAIN IDENTIFICATION AND MAPPING		Recommended Action	Yes/No	Comments
Requirement				
a.	Does the municipality maintain accessible copies of an interactive flood insurance rate map (FIRM)/digital flood insurance rate map (DFIRM)? Does the municipality maintain accessible copies of the most recent flood insurance study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes	
b.	Has the municipality adopted the most current FIRM/DFIRM and FIS?	State the title of adoption, if approved.	No	
c.	Does the municipality support requests for map updates?	If yes, specify how.	N/A	
d.	Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	N/A	
e.	Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f.	Does the municipality maintain a record of approved letters of Map Change?	If yes, specify the responsible office.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach		X	

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Avr Township

2. FLOODPLAIN MANAGEMENT		Recommended Action	Yes/No	Comments
Requirement				
a.	Has the municipality considered adopting activities that exceed beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • Participation in the Community Rating System • Prohibition of excavation or storage of debris in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA Floodplain ordinances that prohibit any new residential or non-residential structures in SFHA	If yes, specify activities.	No	
b.	Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
c.	Does the municipality inform community property owners about changes to the DFIRM/DFIRM that would impact their insurance (MCS)?	If yes, specify how.	No	
d.	Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

MUNICIPAL FLOOD INSURANCE PROGRAM SURVEY

3. FLOODPLAIN MANAGEMENT		Recommended Action	Yes/No	Comments
Requirement				
a.	Has the municipality adopted a compliant floodplain management ordinance that: a) a minimum, regulates the following: <ul style="list-style-type: none"> (1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Area (SFHA)? (2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 3 acres? (3) Does the municipality identify measures to keep wetlands and substantially improved construction (retention, detention, water, flood resistant materials, siting, design, or existing structures, and source reduction) to prevent water damage? (4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures? 	If yes, answer questions (1) through (4) below. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify the office responsible.	Yes	
b.	If a complaint floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	

Hazard Mitigation Plan - Fulton County, Pennsylvania

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Existing Goals and Objectives		Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		



Mitigation Strategy 5-Year Mitigation Plan Review

Name: Walter E. Hartz Title: Chairman Organization: Blue Ridge Community

Purpose: To fulfill the requirement that maintenance of the Hazard Mitigation Plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages, keeping the following questions in mind:

- Do the goals, objectives, and actions (skills, current and expected conditions)?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a MyChart. The questions are standard, however it is important to discuss the existing HMP maintenance section for additional questions that may need to be considered!



Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	



Existing Mitigation Action	Status				Review Comments
	Not Progressed/Unknown	In Progress/Not Yet Complete	Completed	Discontinued	
FC1. County and All Municipalities - Encourage construction of existing personal or village County residential basins. As funding and funding become available, encourage basins to be constructed. Encourage basins to be constructed. Encourage basins to be constructed. Encourage basins to be constructed.					Has this activity been integrated into the municipality's normal operations?
FC 2. County - Evaluate the need for a voluntary annual flood insurance/assessment program for farmers, lawn care, and other residential organizations to utilize so that the County can more accurately estimate the amount of flood damage. Additional information regarding this activity may be implemented, if necessary.					Need to get local staff from State University involved.
FC 7. County - Ensure all applicable jurisdictional commercial and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act, the Pennsylvania Clean Streams Law (35 P.S. §5801.1-601.101), the Pennsylvania Solid Waste Management Act, the Pennsylvania Surface Water Act, the Oil Pollution Act, and regulations promulgated thereunder.					1998 this activity was incorporated into the municipality's normal operations?

FC1. County and All Municipalities - Encourage construction of existing personal or village County residential basins. As funding and funding become available, encourage basins to be constructed. Encourage basins to be constructed. Encourage basins to be constructed. Encourage basins to be constructed.

FC 2. County - Evaluate the need for a voluntary annual flood insurance/assessment program for farmers, lawn care, and other residential organizations to utilize so that the County can more accurately estimate the amount of flood damage. Additional information regarding this activity may be implemented, if necessary.

FC 7. County - Ensure all applicable jurisdictional commercial and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act, the Pennsylvania Clean Streams Law (35 P.S. §5801.1-601.101), the Pennsylvania Solid Waste Management Act, the Pennsylvania Surface Water Act, the Oil Pollution Act, and regulations promulgated thereunder.

Mitigation Action Plan Review Worksheet

Instructions: Use each mitigation action from the existing HMP and identify its status as 'No Progress', 'Unknown', 'In Progress', 'Not Yet Complete', 'Completed', or 'Discontinued'. Include review comments for each action.

Existing Mitigation Action	Status				Review Comments
	Not Progressed/Unknown	In Progress/Not Yet Complete	Completed	Discontinued	
FC1. County - Develop and conduct proactive surveys and rankings for citizens involved with former County CERT and Citizen Corps. Sample experimental activities and conduct surveys, events, and trainings to educate citizens on disaster preparedness.					Has this activity been incorporated into the municipality's normal operations?
FC 2. County - Begin the process to review and revise existing subdivision and land development regulations to minimize flood risk, water-related risk, and other natural risks to agriculture. This effort may be multi-municipal in nature and priorities may vary. County may provide public outreach materials (brochures, e-blasts, and public presentations) to demonstrate inclusiveness, transparency, and multi-municipal/collaboration.					The County completed a joint multi-municipal comprehensive plan with the other counties in the South Alleghenia region.
FC 3. County and All Municipalities - Develop and implement an urban retail fire risk public outreach/education/education and training program on natural hazard risks and a non-structural evaluation of what is being done on the way of mitigation and (prevention), including flood insurance.					Has this activity been incorporated into the municipality's normal operations?

Existing Mitigation Action	Status				Review Comments
	Not Progressed/Unknown	In Progress/Not Yet Complete	Completed	Discontinued	
FC 13. Dublin Township - Research concrete station to prevent flooding of Park Road in Dublin Township, and implement, if feasible.					
FC 14. Bedford Township - In Bedford Township, cut the back back at 27th Street Road to improve sight distance and to allow more space on the road.					
FC 15. Union Township - In Union Township, continue to pursue political channels and collaboration with state agencies (e.g., PennDOT) to study and maintain the slide area on I-565 (Rd 128).					
FC 16. Apt Township - In Apt Township, utility are implementing response to manage stormwater runoff along Route 16, from True Valley to Ohio Soldier.	X				On 11/19/18, the project has not yet been integrated into the municipality's normal operations?
FC 17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to reduce new and existing structures and infrastructure.					Has this activity been incorporated into the municipality's normal operations?
FC 18. County - Conduct, sponsor, or facilitate joint writing workshops for municipal officials and other relevant personnel.					Has this activity been incorporated into the municipality's normal operations?
FC 19. Todd Township - Replace three tiles on Johnsons Pines in Todd Township, with one square tile.					The supervisors do not feel that a tile replacement will remedy the situation.
FC 20. Liberty Creek Township - Construct a bridge on Creek Road (R-388) in Liberty Creek Township over the Creek bridge.					
FC 21. Bedford Township - Increase visibility at the intersection of Sunset Cove Road (US 522) and Alpine Road in Bedford Township.					

FC 13. Dublin Township - Research concrete station to prevent flooding of Park Road in Dublin Township, and implement, if feasible.

FC 14. Bedford Township - In Bedford Township, cut the back back at 27th Street Road to improve sight distance and to allow more space on the road.

FC 15. Union Township - In Union Township, continue to pursue political channels and collaboration with state agencies (e.g., PennDOT) to study and maintain the slide area on I-565 (Rd 128).

Mitigation Action Plan Review Worksheet

Instructions: Use each mitigation action from the existing HMP and identify its status as 'No Progress', 'Unknown', 'In Progress', 'Not Yet Complete', 'Completed', or 'Discontinued'. Include review comments for each action.

Existing Mitigation Action	Status				Review Comments
	Not Progressed/Unknown	In Progress/Not Yet Complete	Completed	Discontinued	
FC 8. County - Strengthen the County's economic primary health surveillance by transitioning the Fulton County Agricultural Community with the National Agricultural Disease and Control System to annual health risk assessments and the Pennsylvania Domestic Animal Act (Act 106) of 1996).					Has this activity been incorporated into the municipality's normal operations? Need to get Greg Strait from State University involved.
FC 9. County - Work with the County's Agricultural Community to explore and implement the EAR to strengthen the County's comprehensive emergency management program.					Has this activity been incorporated into the municipality's normal operations? Do you discuss about this?
FC 10. County - Collaborate with the PA Dept. Bureau of Health and Protection to ensure the State's Risk Assessment Campaign and public service announcements are disseminated throughout the county. This could include educational and website development, and social media development.					Has this activity been incorporated into the municipality's normal operations? Do you discuss about this?
FC 11. Urban Township - Obtain an engineering study to redesign the intersection of Taylor Road and Mutual Road to reduce flooding. Currently, emergency vehicles have difficulty making the right turn at this intersection.	X				Township received preliminary drawings. Need to speak to landowner about obtaining necessary law, but will take time.
FC 12. Dublin Township - Research concrete station to prevent flooding of Park Road in Dublin Township, and implement, if feasible.		X			On 11/19/18, the project has not yet been integrated into the municipality's normal operations?

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress/ Not Yet Underway	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
11279: All municipalities - comply with floodplain ordinance and building code regulations by requiring all new single and two-unit residential structures to be located on elevated homes and structures in the County.						Has this activity been integrated into the municipality's normal operations?
FC-26: County - Establish a Review Program in the County, especially around the Mesado Springs Lake, Cowan Gap State Park, and Bruceton Falls, Popo, or other sensitive areas. Public service announcements, educational brochures to farmers, hunters, campers, hikers, school children, and homeowners in the Wetland Action Bufferzone.				X		
FC-30: County - Identify and apply for funding to enhance the County's radio system.				X		
FC-31: County and All Municipalities - identify and apply for funding to upgrade emergency responders' radio equipment.				X		Has this activity been integrated into the municipality's normal operations?
112817: Berks Township - install dry hydrant locations along roads, to assist the Merutulle Fire Company.						Has this activity been integrated into the municipality's normal operations?
FC-33: County - Fracture-stimulated wells that may absorb floodwaters. The benefits of this action would be described in other related development or technical initiatives.						
112848: County - implement programs designed necessary by the Conservation District.						

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress/ Not Yet Underway	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-22: Berks Township - increase visibility at the intersection of Great Cove Road (US 522) and Belvidere Church Road in Belvidere Township.						
FC-23: Berks Township - increase visibility at the intersection of SR-913 and Spring Road in Berks Township.						
FC-24: Berks Township - increase visibility at the intersection of Stony Creek Road and Black Oak Road in Berks Township.						
FC-25: Berks Township - increase visibility at the intersection of Buck Valley Road and Ways Chapel Road in Berks Township.						
112796: County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1 percent flood zone. Continue to describe the best property protection methods to provide within individual property owners.						Has this activity been integrated into the municipality's normal operations?
FC-27: All municipalities - Comply with floodplain ordinance regulations, by continuing to obtain information for all existing and proposed new structures in the 1 percent flood zone. Continue to describe the best property protection methods to provide within individual property owners.						Has this activity been integrated into the municipality's normal operations?
						Has this activity been integrated into the municipality's normal operations?

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress/ Not Yet Underway	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
112822: Taylor Township - in Taylor Township, conduct floodplain improvement and for the back back Elms Road and Waterloo Road.						
FC-42: Union Township - in Union Township, conduct floodplain improvement at Harmons Road (SR 302) and Latham Road (T-308).						
FC-41: Union Township - in Union Township, conduct floodplain improvement at Harmons Road (SR 302) and Latham Road (T-308).						
FC-43: Dublin Township - in Dublin Township, conduct floodplain improvement at Waterloo Road (SR 475) and Bate Ridge Road (L-428).						
FC-46: NY Township - in NY Township, identify correction actions on Great Cove Road (SR 422) by Willsboro will have to alleviate transportation conditions, and Longport has stop conditions to road curve.				X		
FC-47: Taylor Township - in Taylor Township, identify and coordinate with Pennsylvania to implement floodplain improvement on the two state bridges along SR 155 between Waterloo Road and Harmons Road.						
112849: Thompson Township - in Thompson Township, vehicle the current road culvert carrying Ward, Ohio to Ohio (T-207) over Dutch Run.						
112849: Union Township - in Union Township, maintain and upgrade bridge No. 3 on Zacks Ridge Road (L-1-BL) as needed.						On file.

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress/ Not Yet Underway	In Progress/ Not Yet Complete	Continuing	Completed	Discontinued	
FC-33: County - Coordinate with the conservation and education offices to provide education and training to emergency responders, residents, and municipal officials. Topics include: make-up training for the emergency operations plan, crisis communications, mutual aid incidents, and recovery/assistance scenarios.						Has this activity been integrated into the municipality's normal operations?
FC-36: County and All Municipalities - Encourage major employers and other facilities to participate in the secondary stormwater programs. Such programs typically could occur through digital and print collateral, advisory outreach, and sponsoring events at local service organizations (e.g., Rotary or Chamber events).						Has this activity been integrated into the municipality's normal operations?
4234: County and All Municipalities - Seek funding support from all relevant entities during the grant application, and post-project, delivery of an emergency.						Has this activity been integrated into the municipality's normal operations?
FC-38: County and All Municipalities - Identify and the gaps or information needed to conduct vulnerability analysis in hazard areas.						Has this activity been integrated into the municipality's normal operations?
FC-35: County and All Municipalities - Evaluate existing road capacity with concern to increased truck and other traffic on local roads, and implement road improvements, as applicable.						Has this activity been integrated into the municipality's normal operations?
FC-34a: Thompson Township - in Thompson Township, upgrade and retrofit the intersection of First Road, T-343 and Timber Ridge Road (SR 208) to allow for two-lane, two-way traffic.		X				Is this activity being applied for multi-modal funds?
FC-34: Taylor Township - in Taylor Township, conduct road and driveway on David Lane (L-429).						To be done in 2019

Hazard Identification and Risk Evaluation Worksheet

Name: Richard Harr Title: Supervisor
 Jurisdiction: Belfast Twp

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community?	Additional Comments
	NC = No Change; I = Increase; D = Decrease (Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)	
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

Mitigation Strategy: Seven Mitigation Plan Review

Existing Mitigation Action	Status				Review Comments
	No Request/Unnumbered	In Progress/Not Yet Started	Complete	Reassessed	
TC551 - County will fund public works - contribute to promote fire, gravel, and development for the county in areas outside of determined hazard zones, where possible.		X			
TC 23 - County - Review digital copies of Emergency Action Plans (EAP) and inundation maps when high hazard dam EAP's are next updated.					

Added Mill Road Bridge as a high priority mitigation action on 12/9/16. Township received multi-modal funding in 2018

PART II

Identify the following hazards (not previously profiled in the County's hazard mitigation plan) that have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural:

- Avalanche
- Coastal Erosion
- Dust/Sand Storm
- Extreme Temperatures
- Explosive Sails
- Hurricanes
- Invasive Species
- Lightning
- Paleontic
- Tsunami
- Volcano

Human-Caused:

- Building or Structure Collapse
- Civil Disturbances
- Dam/Failure
- Drowning
- Level Failure
- Nuclear Incident
- Mass Emission (Air, Oil, Fuel, Contaminants)
- Structural Failure
- Unplanned
- Utility Interruption
- War and Criminal Activity

Additional Comments:

Fulton County Steering Committee
 Risk Assessment/Capability Assessment Review Meeting

Jurisdiction Risk - Belfast Twp (Municipality)

2.3	2.6	2.2	3.8	3.5	1.7	1.6	2.1	2.2	2.2	2.2	2.2	1.9	2.3
II	II	II	II	II	II	II	II	II	II	II	II	II	II
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	

- > 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.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Adopted or Updated	Under Development		
Subdivision Regulations	X	1990			
Comprehensive Land Use Plan for General, Master, or Branch Mgt. Plan	X	1-2007		Fulton Co Planning	
Open Space Management Plan (or Park/Silver or Greenway Plan)	X	5-2009			
Stormwater Management Plan / Ordinance	X	2-2011			
Natural Resource Protection Plan					
Capital Improvement Plan					
Formal Development Plan					
Historic Preservation Plan					
Fire Code	X	2004			
Other:					

1142411 Milligan on Main - Fulton County, Pennsylvania

Capability Assessment Survey

Jurisdiction: Belfast Twp

Phone: 717-573-4937

Point of Contact Name and Title: Richard Hart Supervisor

E-mail: belfast@hartinc.com

Capability Assessment Survey

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to effect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Adopted or Updated	Under Development		
Comprehensive Land Use Plan	X	1/1/2006		Special Council Mgt. Fulton County EMA	Review plan on effectiveness of implementation
Hazard Mitigation Plan	X	5/2010			
Emergency Operations Plan	X	2012			
Riskier Recovery Plan					
Evaluation Plan					
Continuity of Operations Plan					
MHP	X	2-18-11			
NFP - Community Rating System					
Local/State Regulations (NFP, NFIP, Flood Damage Prevention Ordinances)					
Hazard Mitigation Management Plan					
Zoning Regulations					

1142411 Milligan on Main - Fulton County, Pennsylvania

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)				
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees	X			Need more water mitigation capability Need more Sewer Belfast Twp
Stormwater Utility Fees				
Developmental Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Purchasing Arrangements or Intergovernmental Agreements				
Other:	X			As Security Area

1142411 Milligan on Main - Fulton County, Pennsylvania

Capability Assessment Survey

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)	X		Keller Engineers	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				
Licensing Manager				
NFP Floodplain Administrator				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HazUS program				
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefit-cost analysis				
Other:				

1142411 Milligan on Main - Fulton County, Pennsylvania

5. Self-Assessment of Capability: Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	X		
Administrative and Technical Capability	X		
Financial Capability	X		
Education and Outreach	X		

4. Education and Outreach: Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Capability Assessment Survey

Program/Organization	Yes	No	Department/Agency	Comments
Hazardous Communities Certification				
StormReady certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster related issues				
Local (clubs/groups or nonprofit organizations) focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
10. Has the municipality adopted a complete floodplain management ordinance that, at a minimum, requires the following: 10.1. Does the municipality issue permits for all proposed development in the Special Flood Hazard Area (SFHA)? 10.2. Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require the data for subdivision proposals and other development proposals larger than six (6) or five (5) acres? 10.3. Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding, to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage? 10.4. Does the municipality document and maintain records of elevation data that document lowest floor elevation (or new or substantially improved structures)?	It is an answer question (1) through (4) below. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify the office responsible.	Yes Yes No No	
11. If a complete floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Bethel

Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective flood insurance rate map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Please check documents in the local library or make them available publicly.	Yes	
b. Has the municipality adopted the most current DFIRM/ FIRM and FIS?	State the date of adoption, if approved.	Yes	
c. Does the municipality support requests for map updates?	If yes, specify how.		If needed yes
d. Does the municipality score with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.		If necessary
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved letters of Map Change?	If yes, specify the responsible office.		will be kept if change occurs

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Richard Herr Title: Supervisor Jurisdiction: Bellevue Township

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind.

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the Worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard; however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

2. (H) ODDRY AIR MAINTENANCE?	Requirements	Recommended Action	Yes/No	Comments
<ul style="list-style-type: none"> • Have the municipality considered adopting activities that exceed beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • Participation in the town-only Heating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Prohibition of structures that prohibit any new residents or non-residential structures in SFHA 		<p>If yes, specify activities:</p> <p style="text-align: center; font-size: 2em; color: blue;">No</p>		

3. FLOOD INSURANCE?	Requirements	Recommended Action	Yes/No	Comments
a. Does the municipality educate community residents about the availability and value of flood insurance?		If yes, specify how:	No	
b. Does the municipality inform community property owners about changes to the OF MA/FHA that would impact their insurance rates?		If yes, specify how:	No	
c. Does the municipality provide general assistance to community members regarding insurance coverage?		If yes, specify how:	No	

Existing Goals and Objectives	Comments
Goal 4 Protect natural resources within the hazard areas.	
Goal 5 Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Existing Goal and Objectives	Comments
Goal 1 Prevent hazards from impacting the community.	
Goal 2 Protect the people, property, and environment in hazard areas.	
Goal 3 Maintain and enhance emergency services capabilities in the community.	

Mitigation Action Plan Review Worksheet
Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown / In Progress / Not Yet Complete, Continuous, Completed or Discontinued." Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
FC 1. County - Develop and conduct technical courses and programs for citizens involved with tiered County (and sub-city) events, sample administrative activities (and other) website, e-blast, and flyers to advertise opportunities.						
FC 2. County - Begin the process to review and revitalize existing subdivision and land development regulations to address flood risk, jurisdictional jurisdiction, and other hazard risks as appropriate. The effort may include municipal/regional, as interest and priorities allow. County can consider public outreach activities (presentations, e-blasts, and public consultations) to demonstrate inclusiveness, transparency, and multi-municipal/regional collaboration.				X		The County completed a full implementation plan with the \$ 600,000 economic incentive. Implementation is ongoing.
FC-3. County and All Municipalities - Provide and implement an unbundled all-hazards, public safety/evacuation/evacuation information program on natural hazard risks and a non-technical explanation of what residents can do in the event of mitigation and disaster preparedness, including flood insurance.						Has this activity been integrated into the municipality's normal operations?

Mitigation Strategy 5-Year Mitigation Plan Review

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
FC 8. County - Strengthen the County's administrative health surveillance by partnering with the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Domestic Animal Act (Act 100 of 1996).						Has this activity been integrated into the municipality's normal operations? Has it been integrated into the municipality's normal operations? Has it been integrated into the municipality's normal operations?
FC 9. County - Work with the County's agricultural community to develop and implement the CAP to strengthen the County's comprehensive emergency management program.						Has this activity been integrated into the municipality's normal operations? Has it been integrated into the municipality's normal operations?
FC 10. County - Collaborate with the PA Dept. of Radiation Protection to ensure the State's Radiation Awareness Campaign and public service announcements are disseminated throughout Fulton County. This could include collateral and website development, and social media development.			X			Has this activity been integrated into the municipality's normal operations? Do press releases about nuclear power plants?
FC 11. Dublin Township - Obtain and acquire the right of way for the intersection at Penn Road and Waterloo Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.			X			Has this activity been integrated into the municipality's normal operations? Do press releases about nuclear power plants?
FC 12. Dublin Township - Research corrective actions needed to improve the condition of Leary Road Bridge in Dublin Township, and implement appropriate safety, limit controls and other follow-up actions.		X				Do we - construction in 2020

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
FC 4. County and All Municipalities - Encourage cross-training of existing personnel or other County personnel (volunteer, as needed) and building permit, to evaluate local administrative and technical staff. Areas for further professional development may include planning expertise, floodplain administration, hazard/risk management, grant writing and funding, and cost/benefit analysis.						Has this activity been integrated into the municipality's normal operations?
FC 5. County - Evaluate the need for a voluntary animal waste/nuisance/leakage self-reporting program for barns, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of livestock biological waste transferred through the County and as such additional mitigation/safety measures may be implemented, if necessary.						Has this activity been integrated into the municipality's normal operations?
FC 6. County - Create and maintain a web-based inventory of all of the County's special needs population to strengthen emergency response and evacuation capabilities.						Has this activity been integrated into the municipality's normal operations?
FC 7. County - Encourage all applicable private industrial, commercial, and utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act the Pennsylvania Clean Streams Law (35 P.S. 4802.01, 02, 03, 04), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Code (61 Pa. Code 101.1-101.4), and regulations promulgated thereunder.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No Progress Unlabeled	In Progress Not Yet Complete	Complete	Discontinued	Discontinued	
FC-23. Rural Townships - Increase visibility at the intersection of Crick Cove Road (US 521) and Belmont Church Road in Dalton Township.						
FC-33. Bertha Township - increase visibility at the intersection of US 645 and Spring Road in Bertha Township.						
FC-34. Bertha Township - increase visibility at the intersection of Spring Road and Bear Creek Road in Bertha Township.						
FC-35. Bertha Township - increase visibility at the intersection of Rock Valley Road and Andy Chapel Road in Bertha Township.						
FC-36. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in floodplains with the intent to give vulnerability to determine the local project's potential return. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Backfill or replacement value 						Has this activity been integrated into the municipality's normal operations?
FC-37. All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain new structures in the 1. Inevitable structure location to determine the best project/structure/return/standards to require with individual project owners.						Has this activity been integrated into the municipality's normal operations?

Hazard Mitigation Plan - Fullen County, Tennessee

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress Unlabeled	In Progress Not Yet Complete	Complete	Discontinued	Discontinued	
FC-31. Dalton Township - Research corrective actions to prevent flooding of Park Road in Dalton Township, and implement, if feasible.						Can remove - prior 12/5/16 review meeting
FC-34. Bertha Township - in Dalton Township, cut the four mile 278 Black Bear Road to improve sight distances and allow more space on the road.						
FC-35. Dalton Township - In Dalton Township, continue to pursue political channels and collaboration with state agencies (e.g., TennDOT) to study and maintain the alternative to 300 DOD 1201.						
FC-36. All Townships - In all townships, identify and implement resources to manage stormwater runoff along Route 16, from True Value to Claps Station.		X				on top with Rt. 16 parking project.
FC-17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to prevent new and existing structures and infrastructure.						Has this activity been integrated into the municipality's normal operations? Not this activity was integrated into the municipality's normal operations?
FC-18. County - Conduct, sponsor, or facilitate group writing training for municipal officials and other relevant personnel.						The supervisor do not feel that the implementation will be successful.
FC-19. Dalton Township - Replace three ties on Impington Drive in Dalton Township, with one splash pile.						
FC-20. Dalton Township - Construct a bridge on Crick Road (T 388) in Dalton Township over the Crick Road.						
FC-21. Dalton Township - Increase visibility at the intersection of Crick Cove Road (US 521) and Spring Road in Dalton Township.						

Hazard Mitigation Plan - Fullen County, Tennessee

Existing Mitigation Action	Status					Review Comments
	No Progress Unlabeled	In Progress Not Yet Complete	Complete	Discontinued	Discontinued	
FC-36. County - coordinate with the conservation and extension office to provide education and training to emergency responders, managers, and municipal officials. Major focus could include modules from the Emergency Operations Plan, Crisis Communications, non-emergency management, and recovery/resilience strategies.						Has this activity been integrated into the municipality's normal operations?
FC-37. County and All Municipalities - Encourage major employers and other facilities to participate in the secondary stormwater program such as encouragement to utilize various federal and state incentives, personal outreach, and speaking events at local service organizations (e.g., Rotary or Chamber events).						Has this activity been integrated into the municipality's normal operations?
FC-38. County and All Municipalities - Seek input from all departments during the pre-flood, flood, and post-flood phases of an emergency.						Has this activity been integrated into the municipality's normal operations?
FC-39. County and All Municipalities - Identify and fill gaps in information needed on condition of vulnerability analysis in hazard states.						Has this activity been integrated into the municipality's normal operations?
FC-40. County and All Municipalities - Evaluate existing road capacity with concern for increased traffic and utility, on local roads and development and improvements, as applicable.						Has this activity been integrated into the municipality's normal operations?
FC-41. Thompson Township - In Thompson Township, prepare and post signs for intersection of Don Road (1-303) and Traylor Ridge Road (SR 3000) to allow for the issuance of emergency warnings.		X				Township approved for multi-lane lane in 2013
FC-42. Taylor Township - In Taylor Township, conduct road maintenance on Lewis Lane (1-423).						

Hazard Mitigation Plan - Fullen County, Tennessee

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No Progress Unlabeled	In Progress Not Yet Complete	Complete	Discontinued	Discontinued	
FC-39. All Municipalities - Comply with floodplain ordinance and building code regulations by requiring anchor straps and improved roofing shingles on new and existing manufactured homes and residences of the County.						Has this activity been integrated into the municipality's normal operations?
FC-25. County - Establish a Firewise program in the County, respectively around the Natchez Grounds Lake, Cowan Camp State Park, and Greenwood Park. Part of this initiative could include visual development of impacted areas, public service announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Wildland Urban Interface.						
FC-30. County - Identify and apply for funding to enhance the County's radio system.			X			Has this activity been integrated into the municipality's normal operations?
FC-31. County - Identify and apply for funding to enhance the County's radio system.						
FC-32. Dalton Township - Install dry hydrant locations along PA-655 to assist the Kuchner Fire Company.						
FC-33. County - Protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.						
FC-34. County - Involve program operators necessary for the Conservation District.						

Hazard Mitigation Plan - Fullen County, Tennessee

Existing Mitigation Action	Status					Review Comments
	Not Started	In Progress	Completed	Discontinued	Not Yet Completed	
<p>FC-30: All municipalities - Consider promoting or mandating a more rigorous engineering standards for bridge load (SR) specifically through:</p> <ul style="list-style-type: none"> Support training toward the promotion of case where appropriate directly related to compliance with the intent of local government (e.g. street lighting, bridge and road maintenance, etc.) Develop and adopt a comprehensive, uniform design/procurement ordinance. 						Has this activity been integrated into the municipality's annual operations?
<p>FC-31: County and all municipalities - Continue to promote future approval and development in the County in areas outside of electrical load capacity where possible.</p>			X			Has this activity been integrated into the municipality's annual operations?
<p>FC-32: County - Request digital copies of inventory Action Plans (AP) and include in map when high hazard than they are provided.</p>		X				Has this activity been integrated into the municipality's annual operations?

Added Mill Road Bridge as a high priority mitigation action on 12/5/18. Township received multi-modal funding in 2018.

Existing Mitigation Action	Status					Review Comments
	Not Started	In Progress	Completed	Discontinued	Not Yet Completed	
<p>FC-72: Taylor Township - In Taylor Township, conduct riparian restoration and low bank bank work at Rock Head and Waterfall Road.</p>						
<p>FC-43: Union Township - In Union Township, conduct riparian restoration at Millbrook Road (SR 3002) and Lehigh Road (1-1048).</p>						
<p>FC-44: Union Township - In Union Township, conduct riparian restoration at Millbrook Road (SR 3002) and Lehigh Road (1-1048).</p>						
<p>FC-45: Dublin Township - In Dublin Township, conduct riparian restoration at Waterfall Road (SR 425) and Millbrook Road (1-1048).</p>						Supervisors are monitoring.
<p>FC-46: Avon Township - In Avon Township, identify riparian restoration on Green Cove Road (SR 427) by Whiggonville Lane to alleviate transportation difficulties and dangerous bus stop conditions to road users.</p>						
<p>FC-47: Taylor Township - In Taylor Township, identify and coordinate with township to improve riparian restoration improvements to the two state bridges along 655 Jackson Memorial Road and Harrison.</p>						
<p>FC-48: Thompson Township - In Thompson Township, replace the corrugated metal culvert (SR 1041) on Archard Road (T 309) over Dutch Run.</p>						
<p>FC-49: Union Township - In Union Township, identify and upgrade Millage No. 3 on Zedds Ridge Road (1-1048).</p>		X				On TRP.

Hazard Identification and Risk Evaluation Worksheet

Name: Kelly Beck Title: Secretary
 Jurisdiction: Bethel Township

PART I

Identified Hazards 2015 MMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
Natural Hazards		
Drought:	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the boxes below.

Natural

- Avalanches
- Invasive Species
- Earthquake
- Lightning
- Coastal Storm
- Drought
- Extreme Temperatures
- Tsunami
- Inexpansive Soils
- Volcanoes
- Hurricanes

Human-Caused

- Building or Structure Collapse
- Mass Food/Animal Feed Contamination
- Civil Disturbance
- Structural Fire
- Disorientation
- Terrorism
- Browning
- Utility Interference
- Levee Failure
- War and Criminal Activity
- Nuclear Incident

Additional Comments:

Capability Assessment Survey

Jurisdiction: Bethel Township Name of Contact Name and Title: Roy R. Well, Chairman
 Phone: 717.894.6583 E-mail: betheltwp@comcast.net

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Support, Neutral, or Hinder). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Place	Status		Dept / Agency Responsible	Comments
		Adopted or Updated	Under Development		
1. 2009-12 Hazard Mitigation Plan	X	12-2009		Bedford Township, PA	Adoption update to 2009 version of FEMA 380 A 2009-12 completion of plan
Hazard Mitigation Plan	X	9/29/2015		Fulton County EMA	
Emergency Operations Plan	X	2012			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
MRP		X	2-15-11		
MRP - Community Rating System					
Fee/plate Regulations (spec. MFR flood damage prevention ordinance)					
Fee/plate Management Plan					
Zoning Regulations					

Hazard Mitigation Plan - Fulton County, Pennsylvania

Fulton County Steering Committee
 Risk Assessment/Capability Assessment Review Meeting
 Jurisdiction Risk - Bethel Township (Municipality)

2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	
==	==	==	==	==	==	==	==	==	==	==	==	==	==	==	==	==	==	==

- > 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.

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners, both land use / land development knowledge)				
Planners or engineers (with natural and/or human caused hazards knowledge)	X		Keller Engineering	
Lighters or professionals trained in building and/or infrastructure construction practices (includes building inspection)	X		DR Sigel	
Emergency Manager	X		DK Golden	
MRP Hazard/Plan Administrator				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefit cost analysis				
Other:				

Hazard Mitigation Plan - Fulton County, Pennsylvania

Tool / Program	In Place	Status		Dept / Agency Responsible	Comments
		Adopted or Updated	Under Development		
Subdivision Regulations	X	1982			
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X	1/2007			
Open Space Management Plan (or Park/Recreation or Greenways Plan)	X	5/2007			
Stormwater Management Plan / Ordinance	X	2011			
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Landslide Preservation					
Building Code					
Fire Code					
Utility					

Hazard Mitigation Plan - Fulton County, Pennsylvania

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Fremont Communities Earthquake				
Stormwater Certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs				
Ongoing public education or information program (i.e. responsible water use, fire safety, household preparedness, emergency evacuation)				
Public-private partnership initiatives addressing disaster-related issues				
Local citizen groups or nonprofit organizations focused on environmental education, emergency preparedness, access and functional needs populations, etc.				
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		Fulton County CDBG	
Special Purpose Taxes				
Gas / Electric Utility Fees				
Water / Sewer Fees	X		Sewer Authority	
Stormwater Utility Fees				
Development Impact Fees				
General Obligation, Revenue, and/or Special Tax Bonds				
Partnering Arrangements or Intergovernmental Agreements				
Other				

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: *Bethel Township*

Requirement	Responsible Agency	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Flood Insurance Rate Map (FIRM) maps, the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?			
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?			
c. Does the municipality support requests for map updates?			
d. Does the municipality share with federal emergency management agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?			
e. Does the municipality provide assistance with local floodplain determinations?			
f. Does the municipality maintain a record of approved Letters of Map Change?			

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (limited, moderate, or high) based on best available information and the responses provided in Sections 1-4 of this survey.

Areas	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability			
Education and Outreach			

2. FLOODPLAIN MANAGEMENT	Recommended Action	Yes/No	Comments
Requirement c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the community testing system • Prohibition of production or storage of chemicals in SSHA • Prohibition of certain types of structures, such as hospitals, parking garages, and jails in SSHA • Prohibition of certain types of residential no-die (manufactured homes) in SSHA • Floodplain ordinances that prohibit very new residential or nonresidential structures in SSHA	If yes, specify activities.		

3. FLOOD INSURANCE	Recommended Action	Yes/No	Comments
Requirement a. Does the municipality educate community members about the availability and value of flood insurance? b. Does the municipality inform community property owners about changes to the DPM/FFIA that would impact their insurance rates? c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how. If yes, specify how. If yes, specify how.		

TE

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

2. FLOODPLAIN MANAGEMENT	Recommended Action	Yes/No	Comments
Requirement a. Has the municipality adopted a compliant floodplain management ordinance (MFC) at a minimum, including the following: (1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Area (SFHA)? (2) Does the municipality obtain, review, and update any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50,000 or 5 acres? (3) Does the municipality identify measures to key all new and substantially improved construction responsibility into floodplain management, including siting, zoning, flood resistant materials, and designing or locating utilities and structures to reduce or prevent water damage? (4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures? b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, answer questions (1) through (4) below. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify how. If yes, specify how.		

TE

Hazard Mitigation Plan - Lamar County, Pennsylvania

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal or new goals and objectives on the last page of this exercise.

Goal	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

TE

Hazard Mitigation Plan - Fulton County, Pennsylvania

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Kelly Beck Title: Secretary Jurisdiction: Boyle and Taylorships

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages, keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard, however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

TE

Hazard Mitigation Plan - Fulton County, Pennsylvania

Goal	Suggested Additional Goals and/or Objectives	Comments
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Goal 4	Existing Goals and Objectives	Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Existing Mitigation Action	Status				Review Comments
	No Progress (Not Yet Unknown)	In Progress (Not Yet Completed)	Completed	Discontinued	
FC 4 - County and All Municipalities: Encourage cross-training of existing personnel within County and personal resources, as time, budget and funding permit, to enhance local emergency and technical ability. In case of further professional development, include training opportunities, disaster administration, hazard/risk management, grant writing and funding, and emergency readiness.		✓			Has this activity been incorporated into the municipality's normal operations?
FC 5 - County - Evaluate the need for a voluntary natural resource inventory program for agricultural, commercial, and public utility service providers. Law 101 on Environmental Emergency Response Plan per the Federal Clean Water Act in a Pennsylvania Clean Streams Law (29 P.S. §5024.1, 691.31004, the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank and Oil Spill Act, and regulations promulgated thereunder.					Has this activity been incorporated into the municipality's normal operations?
FC 7 - County - Ensure all applicable private industrial, commercial, and public utility service providers have all on Environmental Emergency Response Plan per the Federal Clean Water Act in a Pennsylvania Clean Streams Law (29 P.S. §5024.1, 691.31004, the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank and Oil Spill Act, and regulations promulgated thereunder.					Has this activity been incorporated into the municipality's normal operations?

Existing Mitigation Action	Status				Review Comments
	No Progress (Not Yet Unknown)	In Progress (Not Yet Completed)	Completed	Discontinued	
FC 1 - County - Review and conduct of regular audits and findings for actions provided with former County CEMA and assess compliance with current standards and include website, e-911, and flyers to advertise opportunities.	✓				Has this activity been incorporated into the municipality's normal operations?
FC 2 - County - Before the process to review and revise legislation and into development regulations, coordinate flood risk, vulnerability, and other hazard risk as appropriate. This effort may be multi-jurisdictional as first/second level officials allow County to consider public education activities, newsletters, e-blasts, and public presentation to demonstrate inclusiveness, transparency, and multi-jurisdictional cooperation.			✓		Has this activity been incorporated into the municipality's normal operations?
FC 3 - County and All Municipalities: Develop and implement an outreach sub-hazard, public awareness/reduction/information information program on natural hazard risks, and a new technical assistance so that residents can do in the way of mitigation and preparedness, including flood protection.					Has this activity been incorporated into the municipality's normal operations?

Mitigation Action Plan Review Worksheet
Discontinuation: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown In Progress / Not Yet Complete / Completed or Discontinued." Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	The Process Unfinished	In Progress Not Yet Complete	Continues	Completed	Discontinued	
FC-13. Dublin Township - Research for the State to present funding of park road in Dublin Township, and implement, if feasible.						Can remove - from 12/3/16 review meeting
FC-14. Berne Township - In Park Township, cut the bank back at 27.8 Back Street Road to improve sight exposure and to allow more trees on the road.						
FC-15. Union Township - In Union Township, continue to pursue political champion with collaboration with state agencies (e.g., Vermont) to study and maintain the slide area on I-196 (QA 126).						
FC-16. Avon Township - In Avon Township, identify and implement response to manage stormwater runoff along Route 16, from I-93 to I-249 Station.		X				On TR Act R. 15 pending project
FC-17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to prevent new and existing structures and infrastructure.						Has this activity been incorporated into the municipality's normal operations? Has the activity been incorporated into the municipality's normal operations?
FC-18. County - Conduct, sponsor, or facilitate grant writing training for municipal officials and other relevant personnel.						
FC-19. Lond Township - Reduce the use of the Johnsons Drive, in Lond Township, with one splash pile.						
FC-20. Licking Creek Township - Construct a bridge on Creek Road (I-294) in Licking Creek Township over the Cook landing.						
FC-21. Belmont Township - Investigate feasibility at the intersection of Great Case Road (US 77) and Belmont Road in Belmont Township.						Has this activity been incorporated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	The Process Unfinished	In Progress Not Yet Complete	Continues	Completed	Discontinued	
FC-5. County - Strengthen the County's disaster animal health surveillance by joining the International Council Animal and Community with the local reputable observers and conditions, related to animal health per one CIE and the Pennsylvania State Animal Aid (PA 100, 100 of 1326).						Has this activity been incorporated into the municipality's normal operations? Need to get going. Share Penn State Extension involvement.
FC-20. County - Work with the County's agricultural community to develop and implement the CAP to strengthen the County's comprehensive emergency response program.						Has this activity been incorporated into the municipality's normal operations? Need to get going. Share Penn State Extension involvement.
FC-10. County - Collaborate with the PA Dept. of use of Radiation Protection to ensure the State's, Indian American's Computer and public service announcements are disseminated throughout Union County. This could include cultural and website development/links, County public service announcements, and social media development.		X				Has this activity been incorporated into the municipality's normal operations? Do press releases about radon.
FC-11. Dublin Township - Obtain an engineering study to re-evaluate intersection at Lyon Road and Westfall Road in Dublin Township. Currently emergency vehicles have difficulty making the turn at this intersection.		X				Township acquired preliminary drawings. Need to proceed to engineering and obtain necessary land. Do will take time.
FC-12. Lond Township - Research for the State to present funding of park road in Lond Township, and implement, if feasible.		X				On I-196 - construction in 2020

Existing Mitigation Action	Status					Review Comments
	The Process Unfinished	In Progress Not Yet Complete	Continues	Completed	Discontinued	
FC-24. All Municipalities - Campy with tourism ordinance and building code regulations by requiring anchor stops and improved roading standards in new and existing residential homes and residences in the County.						Has this activity been incorporated into the municipality's normal operations?
FC-25. County - Establish a tree care program in the County, especially around the Masonow Springs Lake, Cowan Gap State Park, and Bisswold Park. Part of this initiative could include visual development of impacted areas, public service announcements, and educational outreach to farmers, hunters, campers, and visitors (children and nonusers) in the watershed urban interface.						
FC-26. County - Identify and apply for funding to enhance the County's radio system.				X		Has this activity been incorporated into the municipality's normal operations?
FC-31. County and All Municipalities - Identify and apply for funding to upgrade emergency responder radio equipment.				X		Has this activity been incorporated into the municipality's normal operations?
FC-32. Belmont Township - Install dry hydrant locations along PA-295 to assist the Beltronic Fire Company.						
FC-33. County - Project natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for individual initiatives.						
FC-34. County - Implement programs designed necessary by the construction industry.						

Existing Mitigation Action	Status					Review Comments
	The Process Unfinished	In Progress Not Yet Complete	Continues	Completed	Discontinued	
FC-72. Belmont Township - Increase visibility at the intersection of Great Case Road (US-221) and Belmont Church Road in Belmont Township.						
FC-73. Belmont Township - Increase visibility at the intersection of Siders and Spring Road in Belmont Township.						
FC-24. Fulton Township - Increase visibility at the intersection of Sorey Steak Road and Black Oak Road in Belmont Township.						
FC-25. Belmont Township - Increase visibility at the intersection of Duck Valley Road and Marys Chapel Road in Belmont Township.						
FC-26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest relative vulnerability to determine the best property protection methods. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Method of foundation 						Has this activity been incorporated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	Not Progressed (Unreviewed)	In Progress (Not Yet Complete)	Continued	Completed	Discontinued	
FC-47 Taylor Township - In Taylor Township, conduct inspection trip to bridge and cut the bank earth at 15431 Union Township - in Union Township, conduct inspection improvements at Harmonia Road 15k, 2007 street (Union Road) (1-208).						
FC-44 Union Township - In Union Township, conduct inspection improvements at Harmonia Road 15k, 2007 street (Union Road) (1-208).						
FC-47 Dublin Township - In Dublin Township, conduct inspection improvements at Waverly Road (R. 475) and Battle Ridge Road (1-225).						Supervisor site monitoring R.
FC-46 Jay Township - In Jay Township, identify potential sections of Great Cove Road (S. R. 342) by Wagonport Lane to alleviate transportation accidents and dangerous stop conditions to road <= r=.						
FC-47 Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement alternative improvements to the two state bridges along between Waverly Road and Uniontown.						
FC-48 Thompson Township - In Thompson Township, replace concrete road metal culvert serving West Street and road (1-107) over Ditch Run.						
FC-44 Union Township - In Union Township, maintain and upgrade bridge No. 3 on Zinda Ridge Road (1-350), as needed.	X					Done R.

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	Not Progressed (Unreviewed)	In Progress (Not Yet Complete)	Continued	Completed	Discontinued	
FC-35 County - Coordinate with the conservation and extension offices to provide education and training to emergency responders, managers, and municipal officials. Topics to cover could include: how to run the emergency operations plan, crisis communications, education management, and recovery/volunteer strategies.						Has this activity been integrated into the municipality's normal operations?
FC-36 County and all municipalities - Encourage water agencies and other facilities to participate in the secondary stormwater program, such as educational outreach and speaking events at local service organizations (e.g., Boy Scouts of America).						Has this activity been integrated into the municipality's normal operations?
FC-37 County and all municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of an emergency.						Has this activity been integrated into the municipality's normal operations?
FC-38 County and all municipalities - Identify and fill gaps in information needed to conduct vulnerability analysis in hazard areas.						Has this activity been integrated into the municipality's normal operations?
FC-39 County and all municipalities - Evaluate existing local capacity with concern to increased truck and other traffic on local roads, and implement road improvements, as applicable.						Has this activity been integrated into the municipality's normal operations?
FC-40 Thompson Township - In Thompson Township, upgrade and update the intersection of Leont Road (1-343) and Zinda Ridge Road (S. R. 2004) to allow for the passage of emergency vehicles.	X					Township approved for multiple phases.
FC-41 Taylor Township - In Taylor Township, conduct road improvements on Davis Lane (1-223).						To be done in 2019.

Hazard Identification and Risk Evaluation Worksheet

Name: Thomas F. Baird Title: Supervisor
 Jurisdiction: Brush Creek

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	Not Progressed (Unreviewed)	In Progress (Not Yet Complete)	Continued	Completed	Discontinued	
FC-30 all municipalities - Consider maintaining or adopting higher regulatory and zoning standards for bridge (load) hazard risk, specifically through (optional): <ul style="list-style-type: none"> Support planning board of jurisdiction. Liability in cases where repairs are directly related to compliance with the item of regulation (regulator, for overall building height) setbacks for bridges with 40+ ft span and dual (cumulative) substantial damage improvements or repairs. 						Has this activity been integrated into the municipality's normal operations?
FC-31 County and all municipalities - Continue to promote fire prevention and development in the County through the use of the fire prevention laws, which are possible.						Has this activity been integrated into the municipality's normal operations?
FC-32 County - Request digital maps of Fire-Engine Alarm Plus (EAP) and inundation maps when high-hazard dam effective next year.		X				Has this activity been integrated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 12/5/16. Township received multi-modal funding in 2018

Jurisdiction Risk - Basis Review (Municipality)

2.3	Dam Failures	✓
2.4	Drought	✓
2.2	Earthquake	
2.4	Environmental Hazards	✓
2.4	Flooding/Flood Hazard/Sea Level Rise	
1.7	Hailstorm	
1.6	Landslide	
2.1	Raccoon Exposure	
2.2	Subsidence and Sinkholes	
2.2	Tornado/ Windstorm	
2.4	Transportation Accidents	✓
1.9	Wildfire	
2.4	Winter Storm	

- > 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.

PART II

Other Hazards:

Do any of the following hazards (not previously identified in the County's hazard mitigation plan) pose the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural:

- Avalanche
- Coastal Erosion
- Drought/Land Storm
- Extreme Temperatures
- Explosive Soils
- Hurricanes
- Invasive Species
- Infectious
- Pandemic
- Terrorism
- Wildfires

Human Causes:

- Building Structure Collapse
- Civil Unrest/ Riots
- Foundation Failure
- Draw Wells
- Loose Buildings
- Nuclear Incident
- Air Pollution/Animal Feed Contamination
- Contaminated Air
- Corruption
- Cyber Security Breach
- Weapons and Criminal Activity

Additional Comments:

Hazard Mitigation Plan - Fulton County, Pennsylvania

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Development		
Subdivision Regulations	✓	2011			
Comprehensive Land Use Plan (or General Master Use Growth Plan)	✓	2007			
Open Space Management Plan (or Parks/Recreation Management Plan)					
Stormwater Management Plan / Ordinance	✓	2011			
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Fire/Life/Prevention Building Code	✓				
Fire Code	✓				
Other: <u>Storm Kelly</u>	✓	6-13-13			

Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

Jurisdiction: BRASS CHECK

Point of Contact Name and Title: Deanna F. BIRD

Phone: 301-667-3219

E-mail: dfbird@yhdco.com

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "x" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the Department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated	Under Development		
Emergency Response Plan	X	11-21-08		Special Services/EMS	
Hazard Mitigation Plan	X	9/29/2015		Fulton County EMA	
Emergency Operations Plan	X	2017			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
MIP	X	2-8-11			
WLP - Community Rating System					
Floodplain Regulations (incl. NIP Lead Damage Prevention Ordinance)					
Floodplain Management Plan					
Zoning Regulations					

Hazard Mitigation Plan - Fulton County, Pennsylvania

3. **Financial Resources:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
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				
Partnership Arrangements or Intergovernmental Agreements				
Other				

2. **Administrative and Technical Capabilities:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if "Yes," please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
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 construction practices (includes building inspectors)	✓			
Emergency Manager	✓			
NFIP Floodplain Administrator				
Land Surveyors	✓			
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefit cost analysis				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Areas	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		✓	
Administrative and Technical Capability		✓	✓
Financial Capability		✓	
Education and Outreach		✓	

6. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification	X		Hilltop County Emergency Management Agency	
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
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				

2. FLOODPLAIN IDENTIFICATION AND MAPPING	Requirements	Responsible Action	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following: (1) Does the municipality have permits for all proposed development in the special flood hazard areas (SFHA)? (2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals for less than 50 lots or 5 acres? (3) Does the municipality identify methods to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including and/or using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage? (4) Does the municipality document and maintain records of elevation data that do not exceed base flood elevation for new or substantially improved structures? b. If a compliant floodplain ordinance was adopted, does the municipality enforce for evidence by monitoring compliance and taking remedial action to correct violations?	(1) Yes, answer questions (1) through (4) below. If yes, specify the office responsible. If no, specify the office responsible. If yes, specify the office responsible. If no, specify the office responsible.	Y N N N Y		

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

1. FLOODPLAIN IDENTIFICATION AND MAPPING	Requirements	Responsible Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)? b. Has the municipality adopted the most current DHMR 1001 and FIS? c. Does the municipality's permit requests form map updates? d. Does the municipality's local Emergency Management Agency (EMA) have any new technical or scientific data that could result in map revisions within a results of revision or identification of new data? e. Does the municipality provide guidance with local floodplain determinations? f. Does the municipality maintain a record of approved letters of Map Change?	Place these documents in the local libraries or make available publicly. State the date of adoption, if approved. If yes, specify how. If yes, specify how. If yes, specify how. If yes, specify the responsible office.	Y Y N/A N/A N/A		

Hazard Mitigation Plan - Fulton County, Pennsylvania

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Deborah F. Baird Title: Superior Jurisdiction: Berks County

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.
Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind.

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard, however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Hazard Mitigation Plan - Fulton County, Pennsylvania

2. FLOODPLAIN MAINTENANCE	Requirements	Responsible Action	Yes/No	Comments
a. Has the municipality considered adopting standards that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Zoning ordinances that prohibit any new residential or nonresidential structures in SFHA			N	

3. FLOOD INSURANCE	Requirements	Responsible Action	Yes/No	Comments
a. Does the municipality educate community members about the availability and value of flood insurance? b. Does the municipality inform community property owners about changes to the community that would impact their insurance rates? c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how. If yes, specify how. If yes, specify how.	Y N N		If they want to build a home

Hazard Mitigation Plan - Fulton County, Pennsylvania

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown, In Progress / Not Yet Complete, Continuous, Completed or Discontinued." Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Complete	Continuous	Completed	Discontinued	
<p>PC-1. County, township and local elected officials, residents and business owners will attend County Emergency Management Committee meetings to discuss emergency preparedness, response, recovery, and mitigation activities.</p> <p>PC-2. County - begin the process of review and revise existing subdivision and land use/zoning regulations to minimize future risk, substance/soluble risk, and other hazard risks as appropriate. The effort may include individual, regional, local interest and priorities. County can consider public outreach activities (presentations, exhibits, and public consultation) to increase awareness, involvement, consultation, and multi-jurisdictional collaboration.</p> <p>PC-4. County and all municipalities, develop and implement an enhanced, all-hazards, public outreach/education/mitigation information program on natural hazard risks, one of many technical exploration of what residents can do in the way of mitigation and preparedness, including flood insurance.</p>				X		<p>This County completed a joint implementation comprehensive plan with the 5 other counties in the Southeastern Alleghenian region.</p> <p>Has it been completed or is it in progress?</p>

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goal	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	None
Goal 3	Maintain and enhance emergency services capabilities in the community.	None

Goal	Suggested Additional Goals and/or Objectives	Comments
Objective		
Objective		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Mitigation Action	Status					Review Comments
	Not in Progress/Unknown	In Progress/Not Yet Complete	Complete	Discontinued	Completed	
FC-10: County - Strengthen the County's emergency plan to include supervision by implementing a system of accountability for all emergency services. The County should conduct an annual audit of emergency services and conduct a risk assessment for all critical facilities. The County should also conduct an annual audit of all critical facilities. (2014-2015)		X				Has the county been successful in implementing the annual audit system? Need to get Greg Stark (Port State, Exultation) involved.
FC-9: County - Work with the County's agricultural community to develop and implement the CAP to strengthen the County's comprehensive emergency management program.		X				Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-10: County - Collaborate with the major business and industry organizations in the County to develop and implement a system of accountability for all emergency services. The County should conduct an annual audit of emergency services and conduct a risk assessment for all critical facilities. The County should also conduct an annual audit of all critical facilities. (2014-2015)		X				Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-21: Dublin Township - Enhance emergency services and social media emergency response and social media emergency response to address the intersection of Taylor Road and Whitehall Road in Dublin Township, County, and emergency vehicles have difficulty finding the turn off this intersection.		X				Township received preliminary details, plans to speak to landowner about identifying necessary turn off.
FC-22: Dublin Township - Develop an emergency response plan for the intersection of Taylor Road and Whitehall Road in Dublin Township, County, and emergency vehicles have difficulty finding the turn off this intersection.		X				OJT - consultation in 2014.

Existing Mitigation Action	Status					Review Comments
	Not in Progress/Unknown	In Progress/Not Yet Complete	Complete	Discontinued	Completed	
FC-5: County and all major facilities - Encourage cross training of existing personnel or other County personnel resources as training and building permit, construction, and other services and personnel may be needed for future projects. Develop a plan to include training for emergency services, including administration, fire, law enforcement, and other services.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-6: County - Develop and maintain a well-trained emergency response team to respond to emergency services and other services.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-7: County - Develop and maintain a well-trained emergency response team to respond to emergency services and other services.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-8: County - Develop and maintain a well-trained emergency response team to respond to emergency services and other services.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-9: County - Develop and maintain a well-trained emergency response team to respond to emergency services and other services.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.

Existing Mitigation Action	Status					Review Comments
	Not in Progress/Unknown	In Progress/Not Yet Complete	Complete	Discontinued	Completed	
FC-20: Berne Township - Increase visibility at the intersection of State Road (US 524) and Dutchman Road in Berne Township.						
FC-24: Berne Township - Increase visibility at the intersection of SR-503 and Spring Road in Berne Township.						
FC-24: Berne Township - Increase visibility at the intersection of Stony Brook Road and Black Oak Road in Berne Township.						
FC-25: Berne Township - Increase visibility at the intersection of Buck Valley Road and Wye Chapel Road in Berne Township.						
FC-26: County and All Municipalities - County will coordinate police regulations by consulting to obtain information on events and proposed new structures in the areas with the highest relative vulnerability. Undermine the best property protection methods. The following information is provided: <ul style="list-style-type: none"> Lower floor elevation Number of stories Presence of a basement Market or replacement value 						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-27: All Municipalities - County will coordinate police regulations by consulting to obtain information on events and proposed new structures in the areas with the highest relative vulnerability. Undermine the best property protection methods. The following information is provided: <ul style="list-style-type: none"> Lower floor elevation Number of stories Presence of a basement Market or replacement value 						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.

Existing Mitigation Action	Status					Review Comments
	Not in Progress/Unknown	In Progress/Not Yet Complete	Complete	Discontinued	Completed	
FC-13: Dublin Township - Measure corrective action to protect flooding of Peck Road in Dublin Township and implement, if feasible.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-21: Berne Township - In Berne Township, continue to pursue public changes and collaboration with State (PennDOT, PennDOT) to study and maintain the site area on I-309 (GA 1201).						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-26: All Townships - In all townships, identify and implement response to manage stormwater runoff along Route 16, from True Value to Clegg Station.		X				Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-17: County and all municipalities - Conduct workshops and training for municipal officials on the benefits of best use regulations to protect trees and existing structures and infrastructure.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-18: County - Conduct, sponsor, or facilitate grant-writing trainings for municipal officials and other relevant personnel.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-19: Todd Township - Replace three (3) existing buildings along Todd Township with one (1) single building.						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-20: Lehigh County - County will coordinate police regulations by consulting to obtain information on events and proposed new structures in the areas with the highest relative vulnerability. Undermine the best property protection methods. The following information is provided: <ul style="list-style-type: none"> Lower floor elevation Number of stories Presence of a basement Market or replacement value 						Has this activity been incorporated into the emergency management plan? Need to get Greg Stark (Port State, Exultation) involved.
FC-21: Berne Township - Increase visibility at the intersection of State Road (US-522) and Spring Road in Berne Township.						

Hazard Identification and Risk Evaluation Worksheet

Name: Connie Hann Title: Secretary

Jurisdiction: Dublin Township

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	Increased Truck Traffic on Secondary Road

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

- Avalanche
- Coastal Erosion
- Dust, Sand Storm
- Extreme Temperatures
- Expansive Soils
- Hurricane
- Invasive Species
- Lightning
- Pandemic
- Tsunami
- Volcano

Human-Caused

- Building or Structure Collapse
- Civil Disturbance
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Mass Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:

Increase in truck traffic on smaller township roads not suitable for truck traffic resulting in property damage from trucks either trying to turn around or from truck not being able to negotiate turns too sharp for trucks. Problem seems to stem from truckers using navigation systems designed for private passenger vehicles.

Capability Assessment Survey

Jurisdiction: Dublin Township Point of Contact Name and Title: Connie Hann
 Phone: 717-987-4219 Email: chann@parnet.com

1. Planning and Regulatory Capability. Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "x" in the appropriate box, followed by the date of adoption/updates. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Place	Date Adopted or Updated	Under Development	Dept./Agency Responsible	Comments
EXAMPLE: Hazard Mitigation Plan	X	1/1/2008		Hazard County EMA	Interim update in 2008 revised mitigation strategies; completed one action.
Hazard Mitigation Plan		9/29/2005		Fulton County EMA	
Emergency Operations Plan					
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NFP					
NFP – Community Rating System					
Floodplain Regulations (Spec. NFP Flood Damage Prevention Ordinance)	X	03/21/88		PA/CA or Commonwealth Code	
Floodplain Management Plan					
Zoning Regulations					

Jurisdiction Risk: Dublin

(Municipality)

**Fulton County Steering Committee
 Risk Assessment/Capability Assessment Review Meeting**

Hazard	County Risk	Municipality Risk
Dam Failures	2.3	2.5
Drought	2.2	2.2
Earthquake	1.8	1.8
Environmental Hazards	3.5	1.7
Flooding/Flash Flood/Ice Jam	1.7	1.6
Hailstorm	1.6	2.1
Landslide	2.1	2.2
Radon Exposure	2.2	2.2
Subsidence and Sinkholes	2.2	2.2
Tornado/Windstorm	2.8	2.8
Transportation Accidents	1.9	1.9
Wildfire	1.4	1.4
Winter Storm	1.4	1.4

- > 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 Survey

2. Administrative and Technical Capability: Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	X			
Planners or engineers (with natural and/or human caused hazards knowledge)	X			
Engineers or professional trained in building and/or infrastructure construction practices (includes building inspectors)	X			
Emergency Manager	X			
NFIP Floodplain Administrator	X			
Land Surveyors	X			
Scientists or staff familiar with the hazards of the community	X			
Personnel skilled in GIS and/or FEMA's HAZUS program	X			
Grant writers or fiscal staff to handle large or complex grants	X			
Staff with expertise or training in benefit-cost analysis	X			
Other		X		

Capability Assessment Survey

4. Education and Outreach: Identify, education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification	X			
StormReady certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs	X			
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	X			
Public-private partnership initiatives addressing disaster-related issues	X			
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc	X			
Other	X			

Capability Assessment Survey

3. Financial Capability: Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Tool / Program	Status		Dept./Agency Responsible	Comments
	In Place	Date Adopted or Updated		
Subdivision Regulations	X	11/19/96	Supervisors	
Comprehensive Land Use Plan (or General Master, or Growth Mgt. Plan)				
Open Space Management Plan (or Parks/Recreation or Greenways Plan)				
Stormwater Management Plan / Ordinance	X	11/19/96	Supervisors	Part of the Subdivision Ordinance
Natural Resource Protection Plan				
Capital Improvement Plan				
Economic Development Plan				
Historic Preservation Plan				
Farmland Preservation				
Building Code	X	03/16/01	PMCA or Commonwealth Code	
Fire Code				
Other				

Capability Assessment Survey

3. Financial Capability: Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	X			
Community Development Block Grants (CDBG)	X			
Special Purpose Taxes	X			
Gas / Electric Utility Fees	X			
Water / Sewer Fees	X			
Stormwater Utility Fees	X			
Development Impact Fees	X			
General Obligation, Revenue, and/or Special Tax Bonds	X			
Partnership Arrangements or Inter-governmental Agreements	X			
Other	X			

Mitigation Strategy 5-Year Mitigation Plan Review

Name: _____ Title: _____ Secretary: _____ Jurisdiction: _____ Dublin Township: _____

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the *Goal and Objective Review Worksheet* and *Mitigation Action Plan Review Worksheet* on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard, however it is important to check the existing HMP maintenance section for additional questions that may need to be considered.



Capability Assessment Survey

5. Self-Assessment of Capability. Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard/vulnerability. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 3-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach	X		



Existing Goals and Objectives

Goal #	Existing Goals and Objectives	Comments
Goal 4	Protect natural resources within the hazard areas.	
No Change		
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	
No Change		



Mitigation Strategy 5-Year Mitigation Plan Review

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goal #	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
No Change		
Goal 2	Protect the people, property, and environment in hazard areas.	
No Change		
Goal 3	Maintain and enhance emergency services capabilities in the community.	
No Change		



Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown, In Progress / Not Yet Complete, Continuous, Completed, or Discontinued." Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
FC1. County - Develop and conduct refresher courses and trainings for citizens involved with former County CERT and Citizen Corps. Sample supplemental activities could include webinars, e-blast, and Twitter advertise opportunities.						Has this activity been integrated into the municipality's normal operations?
FC2. County - Begin the process to review and revise existing subdivision and land development regulations to minimize flood risk, subsidence/sinkhole risk, and other hazard risks as appropriate. This effort may be multi-municipal/regional, as interest and priorities allow. County can consider public outreach activities (webinars, e-blasts, and public presentations) to demonstrate inclusiveness, transparency, and multi-municipal/regional collaboration.				X		The County completed a joint implementable comprehensive plan with the 5 other counties in the Southern Alleghenies region.
FC3. County and All Municipalities - Develop and implement an enhanced outreach, public outreach/education/obligation information program on natural hazard risks and a population-based education of hazard risks can do in the way of mitigation and preparedness, including flood insurance.						Has this activity been integrated into the municipality's normal operations?

	Suggested Additional Goals and/or Objectives	Comments
Goal		
Objective	None	
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
FC8. County - Strengthen the County's domestic animal health surveillance by familiarizing the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Domestic Animal Act (Act 100 of 1996).						Has this activity been integrated into the municipality's normal operations? Need to get Greg Strait, Penn State Extension involved.
FC9. County - Work with the County's agricultural community to develop and implement the CAERT to strengthen the County's comprehensive emergency management program.						Has this activity been integrated into the municipality's normal operations? Need to get Greg Strait, Penn State Extension involved.
FC10. County - Collaborate with the PADEP Bureau of Radiation Protection to ensure the State's Radiation Awareness Campaign and public service announcements are disseminated throughout Fulton County. This could include collateral and website development/links, County public service announcements, and social media development.			X			Has this activity been integrated into the municipality's normal operations? Do press releases about rad on.
FC11. Dublin Township - Obtain an engineering study to redesign the intersection at Taylor Road and Waterfall Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.		X				Township received preliminary drawings. Need to speak to landowner about obtaining necessary land but will take time.
FC12. Dublin Township - Research corrective actions needed to improve the condition of Arseny Road Bridge in Dublin Township, and implement appropriate weight limit controls and other follow-up actions.		X				On TP - construction in 2020

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
FC4. County and All Municipalities - Encourage cross-training of existing personnel or utilize County personnel/resources, as timing and funding permit, to enhance local administrative and technical ability. Aims to further professional development may include planning expertise, floodplain administration, hazard/risk management, grant writing and funding, and cost/benefit analysis.						Has this activity been integrated into the municipality's normal operations?
FC5. County - Evaluate the need for a voluntary animal waste/manure/fertilizer self-reporting program for farmers, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous biological waste transported through the County and so that additional mitigation/safety measures may be implemented, if necessary.						Need to get Greg Strait, Penn State Extension involved.
FC6. County - Create and maintain a web-based inventory of the County's special needs population to strengthen emergency response and evacuation operations.						
FC7. County - Ensure all applicable private industrial, commercial, and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act, the Pennsylvania Clean Streams Law (25 P.S. 166911-6911001), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and regulations promulgated thereunder.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No. Projects Implemented	In-Progress Projects	Continuous	Completed	Discontinued	
FC21. Bethel Township - Increase visibility at the intersection of Great Cove Road (US-522) and Bethel Church Road in Bethel Township.						
FC23. Bethel Township - Increase visibility at the intersection of SR-643 and Spring Road in Bethel Township.						
FC24. Bethel Township - Increase visibility at the intersection of Stoney Break Road and Black Oak Road in Bethel Township.						
FC25. Bethel Township - Increase visibility at the intersection of Buck Valley Road and Mays Chapel Road in Bethel Township.						
FC26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest relative vulnerability to determine the best property protection methods. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Market or replacement value 						Has this activity been integrated into the municipality's normal operations?
FC27. All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1-percent chance floodplain to determine the best property protection methods to promote with individual property owners.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No. Projects Implemented	In-Progress Projects	Continuous	Completed	Discontinued	
FC13. Dublin Township - Research corrective action to prevent flooding of Park Road in Dublin Township, and implement, if feasible.						On remove - from 2/25/16 review meeting
FC14. Bethel Township - In Bethel Township, cut the bank back at 278 Black Bear Road to improve sight distance and to allow more space on the road.						
FC15. Union Township - In Union Township, continue to pursue political channels and collaboration with state agencies (e.g., PennDOT) to study and maintain the slide area on T-366 (OH 126).						
FC16. Ayr Township - In Ayr Township, identify and implement response to manage stormwater runoff along Route 45, from True Valley to Clio Station.		X				On Tip with Rt. 16 paving project.
FC17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.						Has this activity been integrated into the municipality's normal operations?
FC18. County - Conduct, sponsor, or facilitate grant-writing trainings for municipal officials and other relevant personnel.						Has this activity been integrated into the municipality's normal operations?
FC19. Todd Township - Redesign truck lanes on Johnstons Drive, in Todd Township, with one-quarter mile.						The Supervisor do not feel that a file replacement will remedy the situation.
FC20. Licking Coal Township - Contract a bridge on Creek Road (T-589) in Licking Creek Township over the Creek landing.						
FC21. Bethel Township - Increase visibility at the intersection of Great Cove Road (US-522) and Alpine Road in Bethel Township.						

Existing Mitigation Action	Status					Review Comments
	No. Projects Implemented	In-Progress Projects	Continuous	Completed	Discontinued	
FC35. County - Coordinate with the conservation and extension office to provide education and training to emergency responders, managers, and municipal officials. Topic focuses could include modules from the Emergency Operations Plan, Crisis Communications, volunteer management, and recovery/resilience strategies.						Has this activity been integrated into the municipality's normal operations?
FC36. County and All Municipalities - Encourage major employers and other facilities to participate in the secondary StormReady programs. Such encouragement could occur through digital and print collateral, personal outreach, and speaking events at local service organizations (e.g., Rotary or Chamber events).						Has this activity been integrated into the municipality's normal operations?
FC37. County and All Municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of an emergency.						Has this activity been integrated into the municipality's normal operations?
FC38. County and All Municipalities - Identify and fill gaps in information needed to conduct vulnerability analysis in hazard areas.						Has this activity been integrated into the municipality's normal operations?
FC39. County and All Municipalities - Evaluate existing road capacity with consent to increased truck and other traffic on local roads, and implement road improvements, as applicable.						Has this activity been integrated into the municipality's normal operations?
FC40. Thompson Township - In Thompson Township, upgrade and realign the intersection of Oak Road (T-345) and Timber Ridge Road (SR, 2005) to allow for the passage of emergency vehicles.		X				Township applied for in with modal funds.
FC41. Taylor Township - In Taylor Township, conduct road improvements on Davis Lane (T-423).						To be done in 2019

Existing Mitigation Action	Status					Review Comments
	No. Projects Implemented	In-Progress Projects	Continuous	Completed	Discontinued	
FC28. All Municipalities - Comply with floodplain ordinance and building code regulations by requiring anchor straps and improved roofing shingles on new and existing manufactured homes and residences of the County.						Has this activity been integrated into the municipality's normal operations?
FC29. County - Establish a Freewave Program in the County, especially around the Meadow Grounds Lake, Cowans Gap State Park, and Breeswood Park. Part of this initiative could include visual development of impacted areas; public service announcements; and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Wildland-Urban Interface.						
FC30. County - Identify and apply for funding to enhance the County radio system.			X			Has this activity been integrated into the municipality's normal operations?
FC31. County and All Municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.			X			Has this activity been integrated into the municipality's normal operations?
FC32. Bethel Township - Install dry hydrant locations along PA-655 to assist the Neadown Fire Company.						
FC33. County - Protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.						Has this activity been integrated into the municipality's normal operations?
FC34. County - Implement programs deemed necessary by the Conservation District.						

Existing Mitigation Action	Status					Review Comments
	No Projects Undertaken	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
<p>FC50. All Municipalities - Consider promoting or adopting higher regulatory and zoning standards to manage flood hazard risk, specifically through (see examples):</p> <ul style="list-style-type: none"> Support planning board of adjustment variances in cases where appeals are directly tied to compliance with the intent of floodplain regulations (e.g. overall building height setbacks for finished walkways). Develop and adopt a cumulative substantial damage/improvements ordinance." 						Has this activity been integrated into the municipality's normal operations?
<p>FC51. County and All Municipalities - Continue to promote future growth and development in the County in areas outside of determined hazard zones, where possible.</p>			X			Has this activity been integrated into the municipality's normal operations?
<p>FC52. County - Request digital copies of Emergency Action Plans (EAP) and inundation maps when high-hazard dam EAPs are next updated.</p>		X				Has this activity been integrated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 12/31/16. Township received multimodal funding in 2018.

Existing Mitigation Action	Status					Review Comments
	No Projects Undertaken	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
<p>FC42. Taylor Township - In Taylor Township, conduct intersection improvements and cut the bank back at Frick Road and Waterfall Road.</p>						
<p>FC43. Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Lehman Road (R-308).</p>						
<p>FC44. Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Sable Road (T-314).</p>						
<p>FC45. Dublin Township - In Dublin Township, conduct intersection improvements at Waterfall Road (R-426).</p>						Supervisors are monitoring R.
<p>FC46. Ayr Township - In Ayr Township, identify correction actions on Great Cove Road (S.R. 522) by Whippenwill Lane to alleviate transportation accidents and dangerous bus stop conditions to road curve.</p>						
<p>FC47. Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement infrastructure improvements to the two state bridges along 655 between Waterfall Road and Hudson Ave.</p>						
<p>FC48. Thompson Township - In Thompson Township, replace the corrugated metal culvert carrying West Orchard Road (T-305) over Dutch Run.</p>						
<p>FC49. Union Township - In Union Township, maintain and upgrade Bridge No. 3 on Zachs Ridge Road (T-330), as needed.</p>		X				On TP.

Hazard Identification and Risk Evaluation Worksheet

Name: L. Anne Koebange Title: Secretary/Treasurer
 Jurisdiction: Looking Creek Twp

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change; I = Increase; D = Decrease (Please provide an explanation for only hazards marked I or D in the "Additional Comments" column).	Additional Comments
Natural Hazards		
Drought	N/C	
Earthquake	N/C	
Flood, Flash Flood, and Ice Jam	N/C	
Hailstorm	N/C	
Landslide	N/C	
Radon Exposure	N/C	
Subsidence and Sinkhole	N/C	
Tornado and Windstorm	N/C	
Wildfire	N/C	
Winter Storm	N/C	
Human-made Hazards		
Dam Failure	N/C	
Environmental Hazards	N/C	
Transportation Accident	N/C	

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the boxes below.

Natural:

- | | |
|---|---|
| <input type="checkbox"/> Avalanche | <input type="checkbox"/> Invasive Species |
| <input type="checkbox"/> Coastal Erosion | <input checked="" type="checkbox"/> Lightning |
| <input type="checkbox"/> Landslide Storm | <input type="checkbox"/> Pandemic |
| <input type="checkbox"/> Extreme Temperatures | <input type="checkbox"/> Tornado |
| <input type="checkbox"/> Explosive Events | <input type="checkbox"/> Volcano |
| <input type="checkbox"/> Hurricane | |

Human-Caused:

- | | |
|---|--|
| <input type="checkbox"/> Building or Structure Collapse | <input type="checkbox"/> Mass Fatality/Injury/Disaster Contamination |
| <input type="checkbox"/> Civil Disturbances | <input type="checkbox"/> Shortage of Water |
| <input type="checkbox"/> Disorientation | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Drowning | <input type="checkbox"/> Unexploded Ordnance |
| <input type="checkbox"/> Layer Falling | <input type="checkbox"/> War and Unintentional Warfare |
| <input type="checkbox"/> Nuclear Incident | |

Additional Comments:

Tool / Program	In Phase	Status	Dept./Agency Responsible	Comments
		Date Adopted or Updated		
Subdivision Regulations	X	1-12-11	Licking Creek	Ordinance adopted
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X	1-12-11	Licking Creek	Ordinance adopted
Open Space Management Plan (or Parks/Recreation/Conservation Plan)	X		Fulton Co. Planning	
Sewerwater Management Plan / Ordinance	X	1-12-11	Licking Creek	Ordinance adopted
Natural Resource Protection Plan				
Capital Improvement Plan				
Economic Development Plan				
Historic Preservation Plan				
Farm and Forestry	X		PA Municipal and Licking Local Alliance with Licking	
Building Code				
Fire Code				
Other: <i>Ag Security Areas</i>	X			

TL Hazard Mitigation Plan - Fulton County, Pennsylvania 2

Capability Assessment Survey

Jurisdiction: *Licking Creek Township* Point of Contact: Name and Title: *Kevin Keck, Secretary*
 Phone: *717-536-3115* E-mail: *keck@lickingcreekpa.com*

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/updates. Then, for each particular item in place, identify the department or agency responsible for its maintenance and indicate any pending or anticipated effect on hazard loss reduction with the appropriate symbol (Support, Neutral, or Hinder). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Phase	Status		Dept./Agency Responsible	Comments
		Date Adopted or Updated	Under Development		
<i>Hazard Mitigation Plan</i>	X	5/29/2015		Fulton County EMA	
<i>Emergency Operations Plan</i>	Y	2012		Fulton Co. EMA	
<i>Disaster Recovery Plan</i>					
<i>Evacuation Plan</i>	X				
<i>Continuity of Operations Plan</i>	X			Fulton Co. EMA	
<i>NIP</i>	X	2-18-11			
<i>NIP - Community Rating System</i>					
<i>Localities' (regulatory) specific NIP</i>	X	1-12-11		Licking Creek	Ordinance adopted
<i>Flood Damage Prevention Ordinance</i>					
<i>Floodplain Management Plan</i>					
<i>Zoning Regulations</i>					

TL Hazard Mitigation Plan - Fulton County, Pennsylvania 1

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or a local jurisdiction and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		Fulton County Commissioners	
Special Purpose Taxes		X		
Gas / Electric Utility Fees		X		
Water / Sewer Fees		X		
Sewerwater Utility Fees		X		
Development Impact Fees		X		
General Obligation Revenue and/or Special Tax Bonds		X		
Partnership Arrangements or Intergovernmental Agreements	X			Agreements with local fire companies
Other				

TL Hazard Mitigation Plan - Fulton County, Pennsylvania 4

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		X		
Planners or engineers (with natural and/or human caused hazards knowledge)		X		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		X	Koller Engineers	
Longer-Term Administrator	X		Fulton Co. EMA	
Land Surveyors		X	Licking Creek Township	
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's HAZUS program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Staff with expertise or training in benefit-cost analysis		X		
Other				

TL Hazard Mitigation Plan - Fulton County, Pennsylvania 3

Purpose: To fulfil the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the completion of the original original version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard risks?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses averted?
- Did the jurisdiction, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheet, the group may wish to discuss the above questions in a roundtable format using a flipchart. The questions are standard, however, it is important to discuss the existing HMP maintenance and/or operational questions that may be relevant to be considered.

NATURAL HAZARD INSURANCE PROGRAM STUDY

2. FLOOD PLAN MANAGEMENT	Requirements	Recommended Action	Yes/No	Comments
<ul style="list-style-type: none"> • Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • Participation in the Community Rating System • Prohibition of product use or storage of certain fuels in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing, i.e., manufactured homes, in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA 		<p>If yes, specify activities</p>	<p>No</p>	

3. FLOOD INSURANCE	Requirements	Recommended Action	Yes/No	Comments
<ul style="list-style-type: none"> a. Does the municipality educate community members about the availability and value of flood insurance? b. Does the municipality inform community property owners about changes to the DRINK/HMA that would impact their insurance rates? c. Does the municipality provide some assistance to community members regarding flood insurance? 		<p>If yes, specify how</p>	<p>No</p>	
		<p>If yes, specify how</p>	<p>No</p>	
		<p>If yes, specify how</p>	<p>No</p>	

Existing Goals and Objectives	Comments
Goal 4 Protect natural resources within the hazard areas.	
Goal 5 Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Goal and Objective Review Worksheet	Comments
<p>Goal 1 Prevent hazards from impacting the community.</p> <p>Existing Goals and Objectives</p>	
<p>Goal 2 Protect the people, property, and environment in hazard areas.</p>	
<p>Goal 3 Maintain and enhance emergency services capabilities in the community.</p>	

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Existing Mitigation Action	Status					Review Comments
	Approved/Not Yet Approved	In Progress/Not Yet Complete	Completed	Discontinued	Reopen/Not Yet Reopened	
FC-21: Berne Township - increase visibility of the intersection of Green Lake Road (US-52) and Berne Church Road in Berne Township.						
FC-21: Berne Township - increase visibility of the intersection of S-25 and Spring Road in Berne Township.						
FC-24: Berne Township - increase visibility at the intersection of Quarry Brook Road and Rink Oak Road in Berne Township.						
FC-25: Berne Township - increase visibility at the intersection of Buck Valley Road and Marys Chapel Road in Berne Township.						
FC-7b: County and All Municipalities - Comply with floodplain ordinance requirements by continuing to obtain information on existing and proposed new structures in the areas with the highest relative vulnerability to determine the best priority protection inventory. To achieving information should as follows: <ul style="list-style-type: none"> • Invet their elevation • Number of stories • Presence of a basement • Method of replacement value 						Has this activity been integrated into the municipality's normal operations?
FC-22: All Municipalities - Comply with floodplain ordinance requirements by continuing to obtain information for all existing and proposed new structures on the 1 percent chance floodplain to determine the best priority protection methods to protect individual property owners.						Has this activity been integrated into the municipality's normal operations?

Meeting 11 (August 11th - Fulton County, Pennsylvania)

Existing Mitigation Action	Status					Review Comments
	Approved/Not Yet Approved	In Progress/Not Yet Complete	Completed	Discontinued	Reopen/Not Yet Reopened	
FC-33: Dublin Township - Research concrete solutions to prevent flooding of Park Road in Dublin Township, and implement if feasible.						Consistently from 2/26/26 review meeting
FC-34: Berne Township - All Berne Township, put the main body of 278 Block Star Road to improve sight triangles and to allow more space on the road.						
FC-35: Union Township - In Union Township, continue to pursue political changes and collaboration with state agencies (e.g., Pennsylvania State University) and Dutchess (e.g., State of New York) to improve road conditions.						
FC-36: All Municipalities - Identify and implement responses to manage stormwater runoff along Route 14 from True Value to Lego Station.		X				On the way to be paving project.
FC-17: County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-18: County - Conduct, sponsor, or facilitate professional training for municipal officials and other relevant personnel.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-19: Berne Township - Replace the pipes in Johnson Drive in Berne Township, with one square mile.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-20: Berne Township - Construct a project on Cooks Road (US-28) in Berne Township over the next few years.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-21: Berne Township - Increase visibility at the intersection of Green Lake Road (US-52) and Marys Chapel Road in Berne Township.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?

Meeting 11 (August 11th - Fulton County, Pennsylvania)

Existing Mitigation Action	Status					Review Comments
	Approved/Not Yet Approved	In Progress/Not Yet Complete	Completed	Discontinued	Reopen/Not Yet Reopened	
FC-16: County - Coordinate with the transportation and emergency services to provide education and training to emergency responders, managers, and municipal officials. Topics should include modules from the Emergency Operations Plan, Crisis Communications, Vulnerable Municipalities, and Recovery/Resilience Modules.						Has this activity been integrated into the municipality's normal operations?
FC-36: County and All Municipalities - Encourage utility employees and other facilities to participate in the Auxiliary Stormwater Program. Such encouragement could occur through digital and print collateral, personal outreach, and meeting requests to local service providers (e.g., Road or Chamber Events).						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-37: County and All Municipalities - Seek relevant input from all departments during the planning, approval, and post-impact phases of an emergency.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-7B: County and All Municipalities - Identify and fit gaps in the information needed to conduct individual, by municipality in local stress.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-29: County and All Municipalities - Evaluate existing road capacity with concern for improved utility and other utility on local roads, and implement front-to-back solutions, as applicable.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-30: Thompson Township - In Thompson Township, upgrade and repair the residential Dutch Road (11343) and Timber Ridge Road (11700) to allow for the increase in emergency vehicles.		X				Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-41: Taylor Township - In Taylor Township, conduct road improvements on Dutch Lane (114231).						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?

Meeting 11 (August 11th - Fulton County, Pennsylvania)

Existing Mitigation Action	Status					Review Comments
	Approved/Not Yet Approved	In Progress/Not Yet Complete	Completed	Discontinued	Reopen/Not Yet Reopened	
FC-28: All Municipalities - Comply with local fire ordinances and fire code regulations by issuing annual checks and inspections for fire safety and existing manufactured homes and residents of the County.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-29: County - Establish a Friends Program in the County, especially around the Meadow Brook Lake, Lawton (Saw State Park), and Deerewood Park. Part of this initiative could include visual development of riparian areas, public service announcements, and educational materials such as letters, newsletters, campers, and/or school children and homeowners in the watershed basin interests.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-30: County - Identify and apply for funding to enhance the County's utility system.			X			Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-31: County and All Municipalities - Identify and apply for funding to improve utility system and public equipment.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-42: Berne Township - Install dry hydrant locations along US-52 to assist the Mendocino Fire Company (1-3-1). County - Protect natural wetlands that may be described in other collateral development or other initiatives.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?
FC-31: County - Implement programs designed necessary by the Congersport District.						Has this activity been integrated into the municipality's normal operations? Has this activity been integrated into the municipality's normal operations?

Meeting 11 (August 11th - Fulton County, Pennsylvania)

Existing Mitigation Action	Status					Review Comments
	Not Fully Implemented	In Progress	Complete	Completed	Discontinued	
<p>FC-21: All Municipalities - Consider promoting or adopting higher regulatory and zoning standards to manage flood hazard risk, specifically through (examples):</p> <ul style="list-style-type: none"> Support planning board of development Utilize 2001 codes where applicable and directly tied to compliance with the federal or local regulations like cover all building heights, setbacks for included walkways Develop and adopt a utility line substitution date/phase events code book 						Has this activity been incorporated into the municipality's current operations?
<p>FC-22: County - Request digital copies of emergency action plans (EAP) and incident response plans (IRP) from all municipalities.</p>		X				Has this activity been incorporated into the municipality's current operations?
<p>FC-23: County - Request digital copies of emergency action plans (EAP) and incident response plans (IRP) from all municipalities.</p>			X			Has this activity been incorporated into the municipality's current operations?

Added Mill Road Bridge as a high priority mitigation action on 12/5/18. Township received multi-modal funding in 2018.

Mitigation Strategy 5-Year Mitigation Plan Review

Emergency Mitigation Action	Status					Review Comments
	Not Fully Implemented	In Progress	Complete	Completed	Discontinued	
<p>FC-41: Taylor Township - In Taylor Township, conduct mitigation improvements and cut the bank back at Fish Run and Waterfall Road.</p>						
<p>FC-42: Union Township - In Union Township, conduct mitigation improvements at Harmonia Road (S.R. 3002) and Lemona Road (T-3085).</p>						
<p>FC-44: Union Township - In Union Township, conduct mitigation improvements at Linnville Road (S.R. 3002) and Stable Road (T-3141).</p>						Supervisors are monitoring it.
<p>FC-45: Dutch Township - In Dutch Township, conduct mitigation improvements at Waterfall Road (S.R. 479) and Battle Ridge Road (T-479).</p>						
<p>FC-46: Taylor Township - In Taylor Township, identify and coordinate with PennDOT to improve infrastructure improvements, for the two structures along 655 between Waterfall road and Linnville.</p>						
<p>FC-47: Taylor Township - In Taylor Township, identify and coordinate with PennDOT to improve infrastructure improvements, for the two structures along 655 between Waterfall road and Linnville.</p>						
<p>FC-48: Thompson Township - In Thompson Township, replace the collapsed metal street curbs along West Orchard Road (T-309) over Dutch Run.</p>						
<p>FC-49: Union Township - In Union Township, maintain and upgrade bridge No. 3 on Zalus Ridge Road (T-320), as needed.</p>		X				On trip.

Hazard Identification and Risk Evaluation Worksheet

Name: Richard L. Buterbaugh Title: E.M.C.
 Jurisdiction: McCannellsburg Box
Dec 22, 2019 PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? NC = No Change; I = Increase; D = Decrease (Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)	Additional Comments
Natural Hazards		
Drought	N.C.	
Earthquake	N.C.	
Flood, Flash Flood, and Ice Jam	N.C.	
Hailstorm	N.C.	
Landslide	N.C.	
Radon Exposure	N.C.	
Subsidence and Sinkhole	N.C.	
Tornado and Windstorm	N.C.	
Wildfire	N.C.	
Winter Storm	N.C.	
Human-made Hazards		
Dam Failure	N.C.	
Environmental Hazards	N.C.	
Transportation Accident	D.	N. 3rd St. bridge replaced

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

- Avalanche
- Coastal Erosion
- Dust, Sand Storm
- Extreme Temperatures
- Expansive Soils
- Hurricane
- Invasive Species
- Lightning
- Pandemic
- Tsunami
- Volcano

Human-Caused

- Building or Structure Collapse
- Cliff Disturbance
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Mass Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:

Capability Assessment Survey

Jurisdiction: McConnellsgrove, Pa Point of Contact Name and Title: Richard L. Borchert, E.P.M.C.
 Phone: 717-488-5371 / 717-260-3261 E-mail: _____

1. Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders) also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Place	Status		Dept./Agency Responsible	Comments
		Date Adopted or Updated	Under Development		
EMAP/EPA Hazard Mitigation Plan	X	1/1/2008		Hazard County EMA	Interim update in 2009 revised mitigation strategy/ completed the action.
Hazard Mitigation Plan	X	9/29/2015		Fulton County EMA	
Emergency Operations Plan	X	9/21/17			
Disaster Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
MIP - Community Rating System			X		
Floodplain Regulations (spec. MIP)					
Flood Damage Prevention Ordinance					
Floodplain Management Plan	X				
Zoning Regulations	X	11-17-12			

TE Hazard Mitigation Plan - Fulton County, Pennsylvania

Jurisdiction Risk: McConnellsgrove, Pa (Municipality)

Fulton County Steering Committee Risk Assessment/Capability Assessment Review Meeting

Risk	2.3	1.5	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.6
Dam Failures	✓												
Drought	✓												
Earthquake													
Environmental Hazards													
Flooding/Flash Flood/Ice Jam	✓												
Hailstorm													
Landslide	✓												
Raon Exposure													
Subsidence and Sinkholes													
Tornado/ Windstorm													
Transportation Accidents													
Wildfire	✓												
Winter Storm													

- > 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.

TE Hazard Mitigation Plan - Fulton County, Pennsylvania

2. Administrative and Technical Capability: Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Personnel with land use / land development knowledge		X		
Planners or engineers (with natural and/or human caused hazards knowledge)	X		Keller Engineers	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	X		Pa. Municipal Code All.	
Emergency Manager	X		McConn. E.M.C.	
MIP Floodplain Administrator		X		
1 and Surveyors		X		
Scientists or staff familiar with the hazards of the community		X		
Personnel skilled in GIS and/or FEMA's 1824US program		X		
Grant writers or fiscal staff to handle large or complex grants		X		
Staff with expertise or training in benefit-cost analysis		X		
Other				

TE Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

Tool / Program	In Place	Status		Dept./Agency Responsible	Comments
		Date Adopted or Updated	Under Development		
Subdivision Regulations	X	11-17-12			
Comprehensive Land Use Plan for General, Master, or Growth Mgt. Plan	X			Fulton Co. Planning	
Open Space Management Plan (or Parks/Recreation or Greenways Plan)	X			Fulton Co. Planning	
Stormwater Management Plan / Ordinance	X	2011			
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Farmland Preservation					
Building Code	X				
Fire Code					
Other					

TE Hazard Mitigation Plan - Fulton County, Pennsylvania

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Hewise Communities Certification	X		Mech Vol Fire Co	
Stormready-certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety-related school programs		X		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		X		
Public-private partnership initiatives addressing disaster-related issues		X		
Local citizen group or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		X		
Other				

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		X		
Community Development Block Grants (CDBG)	X		Fulton Co.	
Special Purpose Taxes		X		
Gas/Electric Utility Fees		X		
Water/Sewer Fees		X		
Stormwater Utility Fees		X		
Development Impact Fees		X		
General Obligation Revenue and/or Special Tax Bonds		X		
Partnering Arrangements or Intergovernmental Agreements		X		
Other				

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Mechanicville, Pa

Requirement	Response	Date	Signature
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent flood insurance study (FIS)?	Place these documents in the local libraries or make available online.	YES	
b. Has the municipality adopted the most current DFIRM/DFIRM and FIS?	State the date of adoption, if adopted.	YES	FEB. 18, 2011
c. Does the municipality support requests for map updates?	If yes, specify how.	NO	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	N.A.	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	NO	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	N.A.	

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach	X		

2. III. QUALITY MEASUREMENT QUESTIONS	Response	Department of Public Health	Yes/No	Comments
c. Has the municipality considered adopting activities that exceed beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • Participation in the Community Rating System • Prohibition of production of storage or chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing, (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA 			NO	

3. FLOOD RISK FACTORS	Response	Department of Public Health	Yes/No	Comments
a. Does the municipality educate community members about the availability and value of flood insurance?			NO	
b. Does the municipality inform community property owners about changes to their risk/rates that would impact their insurance rates?			NO	
c. Does the municipality provide general assistance to community members regarding insurance issues?			NO	

4. FLOOD RISK FACTORS	Response	Department of Public Health	Yes/No	Comments
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following: (1) Does the municipality issue permits for all proposed development in the special flood hazard areas (SFHA)? (2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots of 2 acres? (3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding by or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage? (4) Does the municipality document and maintain records of elevation data that document coastal flood elevation for new or substantially improved structures?	(1) Yes, answer questions (1) through (3) below. (2) Yes, specify the office responsible. (3) If yes, specify the office responsible. (4) Yes, specify the office responsible.		YES	
			NO	
			NO	
			NO	
			NO	
			NO	

Goal and Objective Review Worksheet	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Michelle Brubaker Title: L.E.M.C. Jurisdiction: Town of Mt. Carmel/Lehigh

Purpose: To fulfil the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Goal	Suggested Additional Goals and/or Objectives	Comments
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Substantial	Complete	Discontinued	
FC4. County and all municipalities – encourage cross-training of existing personnel on utilizing county personnel resources, as training and funding permits, to utilize local administrative and technical ability. Areas for further professional development may include planning expertise, floodplain administration, hazard/risk management, grant writing and funding, and cost/benefit analysis.						Has this activity been integrated into the municipality's normal operations?
FC 5. County - Evaluate the need for a voluntary animal waste/renovate/fertilizer soil reporting program for farmers, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous biological waste transported through the County and so that additional mitigation/safety measures may be implemented, if necessary.		X				Need to get 150g Strick Penn State Extension involved.
FC 6. County - Create and maintain a web-based inventory of the County's special needs population to strengthen emergency, response, and evacuation operations.						
FC7. County - Ensure all applicable private industrial, commercial, and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act, the Pennsylvania Clean Streams Law (35 P.S. §§8921.1-8921.1002), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and regulations promulgated thereunder.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Substantial	Complete	Discontinued	
FC-1. County - Develop and conduct refresher courses and trainings for citizens involved with Bermer County Center and Citizen Corps. Sample supplemental activities could include webinars, exhibits, and flyers to advertise opportunities.						Has this activity been integrated into the municipality's normal operations?
FC-2. County - Begin the process to review and revise existing subdivision and land development regulations to minimize flood risk, subsidence/sinkhole risk, and other natural risks as appropriate. This effort may be multi-jurisdictional/regional, as interest and priorities allow. County can consider public outreach activities, newsletters, exhibits, and public presentations to demonstrate inclusiveness, transparency, and multi-jurisdictional/regional collaboration.				X		The County completed a joint implementable comprehensive plan with the 5 other counties in the Southern Alleghenian region.
FC-3. County and all municipalities - Develop and implement an enhanced all-hazards, public outreach/education/information program on natural hazard risks, and a non-technical explanation of what residents can do in the way of mitigation and resilience, including flood insurance.						Has this activity been integrated into the municipality's normal operations?

Mitigation Action Plan Review Worksheet
Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown, In Progress / Not Yet Complete, Continuous, Completed, or Discontinued." Include review comments for each action.

Existing Mitigation Action	Status				Review Comments
	No. Projects Launched	In Progress Not Yet Complete	Completed	Discontinued	
FC-13: Dublin Township - Research corrective action to prevent flooding of Park Road in Dublin Township, and implement, if feasible.					Can remove - from 12/5/16 review meeting
FC-14: Berks Township - In Berks Township, cut the bank back at 278 Black Bear Road to improve sight distance and to allow more space on the road.					
FC-15: Union Township - In Union Township, continue to pursue political channels and collaboration with state agencies (e.g., PennDOT) to study and maintain the slide area on US-366 (CRD 128).					
FC-16: APT Township - In APT Township identify and implement response to manage stormwater runoff along Route 15, from the valve to Cityo Station.		X			On TRP with RL updating project.
FC-17: County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.					Has this activity been integrated into the municipality's normal operations?
FC-18: County - Conduct, sponsor or facilitate joint training for municipal officials and other relevant personnel.					Has this activity been integrated into the municipality's normal operations?
FC-19: Todd Township - Replace three tiles on Johnson's Drive in Todd Township, with one squash tile.					Has this activity been integrated into the municipality's normal operations? The Supervisor did not feel that a replacement will remedy the situation.
FC-20: Lukens Creek Township - Construct a bridge on Creek Road 11 5881 in Lukens Creek Township over the Creek crossing.					
FC-21: Berks Township - Increase visibility at the intersection of Great Cove Road (US-522) and Alpine Road in Berks Township.					

Existing Mitigation Action	Status				Review Comments
	No. Projects Launched	In Progress Not Yet Complete	Completed	Discontinued	
FC-8: County - Strengthen the County's domestic safety health surveillance by partnering the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Domestic Animal Act (Act 100 of 1995).					Has this activity been integrated into the municipality's normal operations? Penn State Extension involved
FC-9: County - Work with the County's agricultural community to develop and implement the CAPT to strengthen the county's comprehensive emergency management program.					Has this activity been integrated into the municipality's normal operations? Need to get Greg Strahl, Penn State Extension involved
FC-10: County - Collaborate with the PADER Bureau of Risk/Disaster Protection to pursue the State's Flood Awareness Campaign and public service announcements are disseminated throughout Fulton County. This could include collateral and website development/updates, County public service announcements, and social media development.					Has this activity been integrated into the municipality's normal operations? Do press releases about flood
FC-11: Dublin Township - Obtain an engineering study to redesign the intersection of Taylor Road and Material Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.		X			Township received preliminary drawings, need to speak to landowner about obtaining necessary land
FC-12: Dublin Township - Repair or corrective actions needed to improve the condition of Turney Road Bridge in Dublin Township, and implement appropriate weight limit controls and other follow up actions.		X			On TRP - conclusion in 2020

Existing Mitigation Action	Status				Review Comments
	No. Projects Launched	In Progress Not Yet Complete	Completed	Discontinued	
FC-28: All Municipalities - Comply with floodplain ordinance and building code regulations by requiring anchor straps and improved roofing shingles on new and existing manufactured homes and residences of the County.			X		Has this activity been integrated into the municipality's normal operations?
FC-29: County - Establish a Firewise Program in the County, especially around the Meadow Grounds Lake, Cowans Gap State Park, and Bineswood Park. Part of this initiative could include visual development of impacted areas, public service announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the watershed-Urban interface.					
FC-30: County - Identify and apply for funding to enhance the County's radio system.			X		Has this activity been integrated into the municipality's normal operations?
FC-31: County and All Municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.					
FC-32: Berks Township - Install dry hydrant locations along PA-655 to assist the Mendonco fire company.					
FC-33: County - Protect natural wetlands that new about floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.					Has this activity been integrated into the municipality's normal operations?
FC-34: County - Implement programs deemed necessary by the Conservation District.					

Existing Mitigation Action	Status				Review Comments
	No. Projects Launched	In Progress Not Yet Complete	Completed	Discontinued	
FC-22: Berks Township - Increase visibility at the intersection of Great Cove Road (US-522) and Berks Church Road in Berks Township.					
FC-23: Berks Township - Increase visibility at the intersection of SR-543 and Spring Road in Berks Township.					
FC-24: Berks Township - Increase visibility at the intersection of Storey Creek Road and Black Oak Road in Berks Township.					
FC-25: Berks Township - Increase visibility at the intersection of duck valley Road and Mark Chapel Road in Berks Township.					
FC-26: County and All Municipalities - Comply with floodplain ordinance regulations, by continuing to obtain information on existing and proposed new structures in the areas with the highest relative vulnerability to determine the best property protection methods; the following information should be obtained: <ul style="list-style-type: none"> Lowest floor elevation Number of stories Ingress of a basement Way to reduce room value 					Has this activity been integrated into the municipality's normal operations?
FC-27: All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1-percent chance floodplain to determine the best property protection methods to promote with individual property owners.					Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No. Progress (1-5)	In Progress (Not Yet Complete)	Complete	Discontinued	Not Started	
FC-47: Taylor Township - In Taylor Township, conduct intersection improvements and cut the bank back at F703 Road and Waterfall Road.						
FC-43: Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Lehman Road (T-3003).						
FC-44: Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3002) and Stable Road (T-314).						Supervisors are monitoring it.
FC-45: Dublin Township - In Dublin Township, conduct intersection improvements at Waterfall Road (S.R. 425) and Battle Ridge Road (T-426).						
FC-46: Avy Township - In Avy Township, identify correction actions on Great Cove Road (S.R. 422) by Whippenell Lane to alleviate transportation incidents and dangerous use stop conditions on road curve.						
FC-47: Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement infrastructure improvements to the two state bridges along 655 between Waterfall Road and Hardscrabble.						
FC-48: Thompson Township - In Thompson Township, replace the current metal culvert carrying West Orchard Road (T-315) over Ditch Run.						
FC-49: Union Township - In Union Township, maintain and upgrade bridge No. 3 on Zedds Ridge Road (T-310), as needed.		X				On TIF.

Mitigation Strategy 3-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No. Progress (1-5)	In Progress (Not Yet Complete)	Complete	Discontinued	Not Started	
FC-35: County - Coordinate with the conservation and extension offices to provide education and training to emergency responders, managers, and municipal officials. Topic focuses could include modules from the Emergency Operations Plan, Crisis Communication, volunteer management, and recovery/relief strategies.						Has this activity been incorporated into the municipality's normal operations?
FC-36: County and All Municipalities - Encourage meter employees and other facilities to participate in the secondary StormReady program. Such encouragement could occur through digital and print collateral, personal outreach, and speaking events at local services organizations (e.g., Rotary or Chamber events).						Has this activity been incorporated into the municipality's normal operations?
FC-37: County and All Municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of an emergency.						Has this activity been incorporated into the municipality's normal operations?
FC-38: County and All Municipalities - Identify and fill gaps in information needed to conduct vulnerability analysis in hazard areas.						Has this activity been incorporated into the municipality's normal operations?
FC-39: County and All Municipalities - Evaluate existing road capacity with concern to increased truck and other traffic on local roads, and implement road improvements, as applicable.			X			Has this activity been incorporated into the municipality's normal operations?
FC-40: Thompson Township - In Thompson Township, upgrade and realign the intersection of Ditch Road (T-315) and Fines Ridge Road (S.R. 2103) to allow for the passage of emergency vehicles.						Township applied for multi-modal funding in 2019.
FC-41: Taylor Township - In Taylor Township, conduct road improvements on Daves Lane (T-423).						To be done in 2019.

Hazard Identification and Risk Evaluation Worksheet

Name: Murray Romig Title: Roadmaster
 Jurisdiction: Taylor

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

Mitigation Strategy 5-Year Mitigation Plan Review

Existing Mitigation Action	Status					Review Comments
	No. Progress (1-5)	In Progress (Not Yet Complete)	Complete	Discontinued	Not Started	
FC-10: All Board Policies - Consider promoting or adopting a green regulatory and zoning standards to mitigate flood hazard risk, specifically through (examples): <ul style="list-style-type: none"> in-place planning board of adjustment variances in cases where appeals are directly tied to compliance with the intent of floodplain regulations (e.g. special building height, set backs for utility substations). Develop and adopt a cumulative substantial damage/improvements ordinance. 						Has this activity been incorporated into the municipality's normal operations?
FC-11: County and All Municipalities - Continue to promote urban growth and development in the County in areas outside of determined hazard zones, where possible.						Has this activity been incorporated into the municipality's normal operations?
FC-12: County - Review digital copies of Emergency Action Plans (EAP) and floodplain maps (flood high hazard denotations) for next update.		X				Has this activity been incorporated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 1/25/18. Township received multi-modal funding in 2018.

Jurisdiction Risk - 19962 Top (Municipality)

✓	2.3	Dam Failures
✓	2.5	Drought
✓	2.2	Landslide
✓	2.6	Environmental Hazards
✓	2.6	Flooding/Flash Flood/Ice Jam
✓	2.7	Hailstorm
✓	2.6	Landslide
✓	2.1	Raccoon Exposure
✓	2.2	Incidents and Sinkholes
✓	2.2	Tornado/Windstorm
✓	2.8	Transportation Accidents
✓	2.9	Wildfire
✓	3.4	Winter Storm

- > 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.

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the county's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

Avalanche Invasive Species

Coastal Flooding Landslide

Coastal Storm Pandemic

Extreme Temperatures Wildfire

Explosive Bomb System

Hurricane

Human-Cause

Building or Structure Collapse Mass Food/Animal Feed Contamination

Civil Disturbance Structure Fire

Gas Leak Terrorism

Power Outage Utility Interruption

Levee Failure War and Criminal Activity

Nuclear Incident

Additional Comments:

Hazard Assessor: County City Township

Tool / Program	Status			Dept./Agency Responsible	Comments
	Adopted in Place	Date Adopted or Updated	Under Development		
Subdivision Regulations (Comprehensive and Use Plan for General, Master, or Growth Incentive Plan)	✓				
Open Space Management Plan (or Parks/Recreation Plan)					
Sustainable Management Plan / Ordinance	✓				
Natural Resource Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Flooded Preservation					
Building Code					
Fire Code					
Other					

Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

Jurisdiction: Taylor Township Public or Central Name and Title: _____
 Phone: _____ Email: _____

1. Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "x" in the appropriate box, followed by the date of adoption/updates. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the status of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	Status			Dept./Agency Responsible	Comments
	Adopted in Place	Date Adopted or Updated	Under Development		
Comprehensive Hazard Mitigation Plan	✓	8/28/2015		Fulton County EMA	
Hazard Mitigation Plan	✓	8/28/2015		IV	
Emergency Operations Plan					
Disaster Recovery Plan					
Facilities Plan					
Community of Operations Plan					
MRP	✓	2/15/11			
MRP - Community Being System					
Floodplain Regulations (per MRP)					
Flood Damage Prevention Ordinance					
Hazard Mitigation Plan					
Zoning Regulations					

Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital improvement programming		✓		
Commonwealth Development Block Grants (CDMG)		✓		
Special Purpose Taxes		✓		
Gas / Electric Utility Fees		✓		
Water / Sewer Fees		✓		
Sewerwater Utility Fees		✓		
Development Impact Fees		✓		
General Obligation, Revenue, and/or Special Tax Bonds		✓		
Partnership Arrangements or Intergovernmental Agreements		✓		
Other				

Capability Assessment Survey

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / and development knowledge)				
Managers or engineers (with natural and/or human-caused hazards knowledge)				
Licenses or professionals (trained in building and/or infrastructure construction practices (includes building inspectors))	X		Keller Engineers	
Emergency Manager	X		Lisa McConathy	
NFIP Floodplain Administrator				
Land Surveyors				
Specialists or staff familiar with the hazards of the community				
Personnel skilled in GIS and/or FEMA's HAZUS program				
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefits-cost analysis				
Other				

Capability Assessment Survey

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerability. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability			
Administrative and Technical Capability			
Financial Capability	X		
Education and Outreach			

Capability Assessment Survey

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Outreach	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
StormReady certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
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				

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
a. Has the municipality adopted a complete floodplain management ordinance that, at a minimum, regulates the following: (1) Does the municipality have permits for all proposed development in the Special Flood Hazard Areas (SFHAs)? (2) Does the municipality obtain, review, and update any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres? (3) Does the municipality discuss measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including erosion, soil loss, flood resistant materials, and designing or installing utilities and service facilities to prevent water damage? (4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	It yes, answer question (1) through (4) below. If yes, specify the office responsible. If yes, specify the office responsible.	No	
b. If a complainant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how. If yes, specify the office responsible. If yes, specify how.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

2. FLOODPLAIN IDENTIFICATION AND MAPPING

Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	No	
b. Has the municipality adopted the most current OFIRM/FIRM and FIS?	State the date of adoption if approved.	No	
c. Does the municipality support requests for map updates?	If yes, specify how.	No	
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain identifications?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Tyler Lutz Title: _____ Jurisdiction: _____
 Purpose: To fulfill the requirement that maintenance of the Hazard Mitigation Plan (HMP) has been completed since the completion of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.
 Instructions: Complete the following questions. Provide a written summary of the Mitigation Action Plan Review Workshop on the next page.

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be critical, focused into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be discontinued, and if so, why? Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have hindered the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheet, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are mandatory, however it is important to avoid the existing HMP implementation section for additional questions that may need to be completed.

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

2. FLOODPLAIN MANAGEMENT

Requirement	Recommended Action	Yes/No	Comments
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Example: include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHAs • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHAs • Prohibition of certain types of residential housing (uninsured homes) in SFHAs • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHAs	If yes, specify activities.	No	

3. FLOOD INSURANCE

Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the OFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as 'No Progress / Unknown, In Progress / Not Yet Complete, Completed, or Discontinued'. Include review comments for each action.

Existing Mitigation Action	Status				Review Comments
	No Progress / Unknown	In Progress / Not Yet Complete	Completed	Discontinued	
<p>11.2.1. County - Develop and conduct outreach courses and trainings for citizens involved with former County CERT and Citizen Corps. Sample supplemental activities could include website, e-news, and news releases (see Appendix A).</p> <p>11.2.2. County - Begin the process to review and revise existing subdivision and land development regulations to monitor flood risk, substance/pollution risk, and other hazard risks as appropriate. This effort may be a multi-municipal, regional, statewide and nationwide. County can consider public outreach activities (presentations, exhibits, and multi-pronged outreach to administrative agencies, transparency, and multi-municipal/regional collaboration).</p> <p>11.2.3. County and all municipalities - Develop and implement an enhanced all-hazards public outreach/education/information program on natural hazards and a 100-year vulnerability assessment of flood resilience in the way of education and preparedness, including flood insurance.</p>			X		<p>The County completed a joint, comprehensive, comprehensive study with the 5 other counties in the Susquehanna region.</p> <p>Has the county been engaged into the municipal government?</p>

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Goal	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

Goal	Suggested Additional Goals and/or Objectives	Comments
Objective		
Objective		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Mitigation Action	Status					Review Comments
	No Progress Made Yet	In Progress/Not Yet Complete	Continues	Completed	Discontinued	
FC-2. County - Strengthen the County's domestic internal health surveillance by laminating the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Council Animal Act (Act 100 of 1996).						Has this activity been integrated into the municipality's normal operations? Need to get Craig Strait, Penn State Extension involved.
FC-9. County - Work with the County's agricultural community to develop and implement the CABT to strengthen the County's comprehensive emergency management program.						Has this activity been integrated into the municipality's normal operations? Need to get Craig Strait, Penn State Extension involved.
FC-10. County - Collaborate with the PADEF, Earthquake Hazard or Protection to ensure the State, Redund Awareness Campaign and public service announcements are disseminated throughout Wilkes County. This could include collateral and webpage development/links, County public service announcements, and social media development.			X			Has this activity been integrated into the municipality's normal operations? Do press releases about this.
FC-11. Dublin Township - Obtain an engineering study to evaluate the intervention at Taylor Road and Waterloo Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.			X			Township received preliminary drawings. Need to speak to township about obtaining necessary land but will take time.
FC-12. Dublin Township - Investigate cost-effective actions needed to improve the condition of Taylor Road bridge in Dublin Township, and implement appropriate weight limits, controls and other follow up actions.			X			On Tap - construction in 2020

Existing Mitigation Action	Status					Review Comments
	No Progress Made Yet	In Progress/Not Yet Complete	Continues	Completed	Discontinued	
FC-4. County and All Municipalities - Encourage cross-training of existing personnel or utilize County personnel resources, as funding permits, to enhance local administrative and technical ability. Areas for further administrative development may include planning expertise, floodplain administration, hazard/damage management, grant writing and funding, and cost/benefit analysis.						Has this activity been integrated into the municipality's normal operations?
FC-5. County - Evaluate the need for a voluntary animal waste/urine/fertilizer self-reporting program for farmers, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous biological waste transferred through the County and so that additional environmental/safety measures may be implemented, if necessary.						Need to get Greg Stull, Penn State Extension involved.
FC-6. County - Create and maintain a web-based inventory of the County's special needs population to strengthen emergency response and evacuation operations.						
FC-7. County - Ensure an applicable priority, industrial, commercial, and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act or Pennsylvania Clean Streams Law (35 P.S. § 6801.1-6801.1001), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and Regulations promulgated thereunder.						Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No Progress Made Yet	In Progress/Not Yet Complete	Continues	Completed	Discontinued	
FC-22. Berne Township - Increase visibility of the intersection of Green Cove Road US 5221 and Berne Dutch Road in Berne Township.						
FC-23. Berne Township - Increase visibility at the intersection of 96 043 and Spring Road in Berne Township.						
FC-24. Berne Township - Increase visibility at the intersection of Stony Brook Road and Black Oak Road in Berne Township.						
FC-25. Berne Township - Increase visibility at the intersection of Buck Valley Road and Mays Chapel Road in Berne Township.						
FC-26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest risk to vulnerability to determine the best floodproofing protection methods. The following information should be developed: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Wet/dry or a water-control valve 						Has this activity been integrated into the municipality's normal operations?
FC-27. All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1-percent chance floodplain to promote the best floodproofing protection methods to promote with individual property owners.						

Existing Mitigation Action	Status					Review Comments
	No Progress Made Yet	In Progress/Not Yet Complete	Continues	Completed	Discontinued	
FC-28. Dublin Township - Present a corrective action to present flooding of Park Road in Dublin Township and implement, if feasible.						Can someone from FC-25 meet with us?
FC-29. Berne Township - In Berne Township, cut this hole down at 278 Black Bear Road to improve sight distance and to allow maintenance on the road.						
FC-30. Dublin Township - In Dublin Township, continue to pursue political channels and collaboration with state agencies (e.g., Venemetry) to study and maintain the 3000 sq ft on T 307-014 1201.						
FC-31. Any Township - In any township, identify and hire technical resources to manage stormwater runoff along Route 16, from True Value to Green Stadium.		X				On 11/16 with the Township project.
FC-32. County and All Municipalities - Conduct work-overs and training for municipal officials on the benefits of flood ordinance regulations to protect new and existing structures and infrastructure.						Has this activity been integrated into the municipality's normal operations?
FC-33. County - Evaluate, sponsor, or facilitate grant-writing training for municipal officials and other relevant personnel.						Has this activity been integrated into the municipality's normal operations?
FC-34. Local Township - Replace three (3) on Johnsons Drive in Todd Township, with a new sign.						This sign is not yet installed. The sign will be replaced in the summer.
FC-35. Licking Creek Township - Construct a flood control levee along the Licking Creek (see 10/25/19 review the levee funding).						
FC-36. Berne Township - Assess visibility at the intersection of Green Cove Road (US-5221) and Silver Road in Berne Township.						

Existing Mitigation Action	Status					Review Comments
	No Progress Undertaken	In Progress: Not Yet Complete	Continuous	Completed	Discontinued	
FC-29: County - Coordinate with the Conservation and Extension Office to provide education and training to emergency responders, managers, and municipal officials. These topics could include training from the Emergency Operations Plan, Crisis Communication, Incident Management, and Recovery/Restoration Strategies.						Has this activity been incorporated into the municipality's normal operations?
FC-30: County and all municipalities - Encourage major employers and other facilities to participate in the exercise. Stay actively in contact, such as rescue operations should occur through digital and virtual channels.						Has this activity been incorporated into the municipality's normal operations?
FC-31: County and all municipalities - Stay/remain in contact with all departments during the pre-incident phase of an emergency.						Has this activity been incorporated into the municipality's normal operations?
FC-32: County and all municipalities - Identify and fill gaps in information, record recording, interagency, analysis in hazard areas.						Has this activity been incorporated into the municipality's normal operations?
FC-33: County and all municipalities - Evaluate existing road capacity with current, historical, future and other traffic on local roads, and implement local improvements as applicable.						Has this activity been incorporated into the municipality's normal operations?
FC-34: Township (Lebanon) - In Thompson Township, identify and repair the intersection of Park Road (125th) and Frick Road (15th) to allow for the passage of emergency vehicles.		X				Township applied for grant monies.
FC-41: Township - In Union Township, conduct road improvement on Devils Lane (125th).						To be done in 2025.

Heaton Mitigation Plan - Fulton County, Pennsylvania

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Existing Mitigation Action	Status					Review Comments
	No Progress Undertaken	In Progress: Not Yet Complete	Continuous	Completed	Discontinued	
FC-28: All municipalities - Comply with floodplain ordinances and/or fire rules/regulations by requiring additional stages and improved roofing strings on new and existing manufactured homes and residences in the County.						Has this activity been incorporated into the municipality's normal operations?
FC-29: County - Establish a Firewise Program in the County, currently around the Myrtle Woods Lake, Cowan Camp State Park, and Deepwood Park. Part of this initiative could include visual development or improved fire, public service announcements, and educational outreach to homeowners, managers, firefighters, school children, and homeowners in the Wildland-Urban Interface.						Has this activity been incorporated into the municipality's normal operations?
FC-30: County - Identify and apply for funding to evaluate the County's radio system.				X		Has this activity been incorporated into the municipality's normal operations?
FC-31: County and all municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.			X			Has this activity been incorporated into the municipality's normal operations?
FC-32: Better Township - Install dry hydrant locations along PA-655 to assist the mechanics for Contingency (C-3). County - Provide natural ventilation that may assist homeowners; the benefits of this action would be described in other collateral documents for related activities.						Has this activity been incorporated into the municipality's normal operations?
FC-33: County - Implement programs governing pre-emptive fire/contingency services.						Has this activity been incorporated into the municipality's normal operations?

Heaton Mitigation Plan - Fulton County, Pennsylvania

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Existing Mitigation Action	Status					Review Comments
	No Progress Undertaken	In Progress: Not Yet Complete	Continuous	Completed	Discontinued	
FC-37: All municipalities - Conduct pre-emptive fire mapping, higher regulation and zoning standards to reduce flood hazard risk, specifically through examples: <ul style="list-style-type: none"> • appropriate zoning based on adjustment scenarios in case where applicants are not clearly tied to compliance with the intent of floodplain regulations (e.g. overall building height, setbacks for retained walls, etc.) • development which is cumulative/unintended damage/impediments to drainage. 						Has this activity been incorporated into the municipality's normal operations?
FC-38: County and all municipalities - Continue to promote future growth and development in the county in areas outside of designated hazard zones, where possible.						Has this activity been incorporated into the municipality's normal operations?
FC-39: County - Request digital copies of Emergency Action Plans (EAP) and maintain maps which high resolution EAPs are next updated.				X		Has this activity been incorporated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 12/5/16. Township received multi-modal funding in 2018
 Taylor Township -
 Fish Culvert Put in on Frick Road (West)
 Mesh Culvert Put in on Frick Road (East)
 Replace pipe on Iron Bridge Road

Heaton Mitigation Plan - Fulton County, Pennsylvania

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Existing Mitigation Action	Status					Review Comments
	No Progress Undertaken	In Progress: Not Yet Complete	Continuous	Completed	Discontinued	
FC-42: Taylor Township - In Taylor Township, conduct investigation into potential flood risk to the back lot truck road and Waterfall Road.						Has this activity been incorporated into the municipality's normal operations?
FC-43: Union Township - In Union Township, conduct investigation into improvements at Hermosa Road (5th, 3002) and Central Road (1, 308).						Has this activity been incorporated into the municipality's normal operations?
FC-44: Union Township - In Union Township, conduct investigation into improvements at Hermosa Road (5th, 3002) and Stable Road (1-2, 21).						Has this activity been incorporated into the municipality's normal operations?
FC-45: Union Township - In Union Township, conduct investigation into improvements at Waterfall Road (5th, 4th) and Stable Ridge Road (1-2, 26).						Supervisors are monitoring it.
FC-46: AV Township - In AV Township, identify construction advice on Gravel Cove Road (5th, 522) by MitigationWall type to alleviate transmission reduction, and dangerous bus stop conditions to road use.						Has this activity been incorporated into the municipality's normal operations?
FC-47: Taylor Township - In Taylor Township, identify and coordinate with partners to implement infrastructure improvements at the non-47th bridge/3002/555 between Waterfall Road and Hermosa Road.						Has this activity been incorporated into the municipality's normal operations?
FC-48: Thompson Township - In Thompson Township, replace the congested metal culvert carrying West Central Road (1-35th) over Ditch Run.						Has this activity been incorporated into the municipality's normal operations?
FC-49: Union Township - In Union Township, maintain and upgrade bridge the 3 on Leeds Ridge Road (1-35th) if needed.		X				On Tap

Heaton Mitigation Plan - Fulton County, Pennsylvania

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Hazard Identification and Risk Evaluation Worksheet

Name: ERK B. REICHER Title: COMMISSIONER
 Jurisdiction: THOMPSON TOWNSHIP 443-871-6770

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? (Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)	Additional Comments
Natural Hazards		
Drought	<i>N/C</i>	
Earthquake	<i>N/C</i>	
Flood, Flash Flood, and Ice Jam	<i>N/C</i>	
Hailstorm	<i>N/C</i>	
Landslide	<i>N/C</i>	
Radon Exposure	<i>N/C</i>	
Subsidence and Sinkhole	<i>N/C</i>	
Tornado and Windstorm	<i>N/C</i>	
Wildfire	<i>N/C</i>	
Winter Storm	<i>N/C</i>	
Human-made Hazards		
Dam Failure	<i>N/C</i>	
Environmental Hazards	<i>N/C</i>	
Transportation Accident	<i>N/C</i>	

PART II

Other Hazards:

Do any of the following hazards not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the boxes below.

Natural

- | | |
|--|---|
| <input type="checkbox"/> Avalanches | <input type="checkbox"/> Invasive Species |
| <input type="checkbox"/> Coastal Problems | <input type="checkbox"/> Lightning |
| <input type="checkbox"/> Dust, Wind Storms | <input type="checkbox"/> Pandemic |
| <input type="checkbox"/> Extreme Temperature | <input type="checkbox"/> Tsunami |
| <input type="checkbox"/> Expanding Earth | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Floods | |

Human-made

- | | |
|---|---|
| <input type="checkbox"/> Building by Structure Collapse | <input type="checkbox"/> Mass Road/Aviation/Sea Containerment |
| <input type="checkbox"/> Communication | <input type="checkbox"/> Sewerage |
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Dams | <input type="checkbox"/> Utility Infrastructure |
| <input type="checkbox"/> Hazardous Waste | <input type="checkbox"/> Wastewater Treatment |
| <input type="checkbox"/> Nuclear Incident | |

Additional Comments:

Capability Assessment Survey

Jurisdiction: THOMPSON TOWNSHIP Point of Contact Name and Title: ERK REICHER, COMMISSIONER
 Phone: 443-871-6770 Email: ERK@THOMPSONPA.GOV

1. Planning and Regulatory Capability: please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. First, for each particular item in place, identify the department or agency responsible for its implementation and indicate its estimated or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to afford loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Place	Status		Date / Agency Responsible	Comments
		Adopted or Updated	Under Development		
Hazard Mitigation Plan	X			1/1/2015 Fulton County EMA	
Emergency Operations Plan					
Hazard Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
NEP					
NEP - Community Rating System					
Housing Regulations (e.g. NFIP)					
Hood Damage Prevention Ordinance					
Floodplain Management Plan					
Zoning Regulations	X			2010 THOMPSON TOWNSHIP	

Jurisdiction Risk - THOMPSON TOWNSHIP (Municipality)

Hazard	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk	2015 HMP Risk
Dam Failures	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Drought	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Earthquake	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Environmental Hazards	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Flooding/Flash Flood/Ice Jam	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Hailstorm	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Landslide	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Radon Exposure	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Subsidence and Sinkholes	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Tornado/Windstorm	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Transportation Accidents	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Wildfire	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Winter Storm	2.3	2.1	2.2	1.8	1.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8

Fulton County Steering Committee Risk Assessment/Capability Assessment Review Meeting

- > 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.

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "x" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PERKINS E.O.	
Planners or engineers (with natural and/or human caused hazards knowledge)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Emergency Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
NFPA Fire/Alarm Administrator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Land Surveyors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Scientists or staff familiar with the hazards of the community	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Personnel skilled in GIS and/or LHM/S IADUS program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Grant writers or fiscal staff to handle large or complex grants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Staff with expertise or training in benefit/cost analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Other	<input type="checkbox"/>	<input type="checkbox"/>		

Tool / Program	Status		Date Adopted or Updated	Under Development	Dept./Agency Responsible	Comments
	In Place					
Subdivision Regulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2018	<input type="checkbox"/>	HANCOCK TOWNSHIP	
Comprehensive Land Use Plan (or General, Master, or Growth MGT Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2018	<input type="checkbox"/>	"	
Open Space Management Plan (or Parks/Recreation Open-Space Plan)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	FURNIVILLE TOWNSHIP	
Stormwater Management Plan / Ordinance	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	
Natural Resource Protection Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2015	<input type="checkbox"/>	"	
Capital Improvement Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2018	<input type="checkbox"/>	HANCOCK TOWNSHIP	
Economic Development Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	
Historic Preservation Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	FURNIVILLE CD	
Farmstead Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	
Building Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	
Lic Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	
Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	"	

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Homeowner Communities Connection	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Stormwater certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ulster County Emergency Management Agency	
Natural disaster or safety related school programs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Multi-jurisdictional partnership initiatives addressing disaster-related issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Other	<input type="checkbox"/>	<input type="checkbox"/>		

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PERKINS E.O.	
Community Development Block Grants (CDBG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Special Purpose Taxes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Gas / Electric Utility Fees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Water / Sewer Fees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Stormwater Utility Fees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Development Impact Fees	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
General Obligation, Revenue, and/or Special Tax Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Funding Arrangements or Intergovernmental Agreements	<input checked="" type="checkbox"/>	<input type="checkbox"/>	"	
Other	<input type="checkbox"/>	<input type="checkbox"/>		

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: THOMSON TOWNSHIP

Requirements	Recommended Action	Yes/No	Comments
1. Does the municipality maintain accessible copies of an effective flood insurance rate map (FIRM/IFM or Flood Hazard Area Map (FHAM)? Does the municipality maintain accessible copies of the most recent Flood Hazard Study (FHS)?	Place these documents in the most accessible, available public location.	Y	
2. Has the municipality adopted the most current GFM/IFM and FIS?	State the date of adoption, if approved.	2011	
3. Does the municipality accept requests for map updates?	If yes, specify how.	Y	
4. Does the municipality share with Federal Emergency Management Agency (FEMA) any new policies or scientific data that could result in map features when a majority of a section or identification of new data?	If yes, specify how.	N/A	
5. Does the municipality provide assistance with local floodplain determination?	If yes, specify how.	Y	
6. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	Y	THOMSON TOWNSHIP RECORDS

Harold Mfigdon Plan - Fulton County, Pennsylvania

Capability Assessment Survey

5. Self-Assessment of Capability: Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach		X	

Harold Mfigdon Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: THOMSON TOWNSHIP

Requirements	Recommended Action	Yes/No	Comments
1. Has the municipality considered adopting activities that exceed beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> Participation in the Community Rating System Prohibition of production or storage of chemicals in SFHA Prohibition of certain types of site uses, such as hospitals, nursing homes, and jails in SFHAs Prohibition of certain types of residential housing (manufactured homes) in SFHA Prohibition of structures that prohibit new residential or non-residential structures in SFHA 	If yes, specify activities.	N/A	
2. Floodplain Insurance			
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	N/A	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	N/A	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	N/A	

Harold Mfigdon Plan - Fulton County, Pennsylvania

Capability Assessment Survey

2. FLOODPLAIN MANAGEMENT

Requirements

Recommended Action

Yes/No

Comments

- Use the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:
 - Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHA)?
 - Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or regulate DTE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?
 - Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood resistant materials, and designing of locating utilities and service facilities to prevent water damage?
 - Does the municipality document and maintain records of elevation data that document lower than elevation for new or substantially improved structures?

If yes, specify the office responsible.

If yes, specify the office responsible.

If yes, specify the office responsible.

If yes, specify the office responsible.

N/A

N/A

N/A

N/A

INSPECTION/PLUMB PRESS

Harold Mfigdon Plan - Fulton County, Pennsylvania

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.

Existing Goals and Objectives	Comments
Goal 1 Prevent hazards from impacting the community.	MAKE DEER RD ACCESSIBLE TO FIRE EQUIPMENT
Goal 2 Protect the people, property, and environment in hazard areas.	
Goal 3 Maintain and enhance emergency services capabilities in the community.	

Goal	Suggested Additional Goals and/or Objectives	Comments
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Mitigation Strategy 5-Year Mitigation Plan Review

Name: ~~XXXXXXXXXX~~ **Title:** ~~XXXXXXXXXX~~ **Address:** ~~XXXXXXXXXX~~
Approval: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) remain current since the publication of the original or previous version, and to obtain early feedback from the planning team for incorporation into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages, keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Are there any additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee maintained its effectiveness or completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheet, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The worksheets are standing room only. If a participant is unable to attend, the existing HMP maintenance section for additional instructions that may need to be considered.

Existing Goals and Objectives	Comments
Goal 4 Protect natural resources within the hazard areas.	
Goal 5 Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Continuing	Completed	Discontinued	
FC-4. County and All Mitigation Entities - Encourage cross-agency and inter-agency personnel to utilize County personnel resources as training and training benefit. Increase local training and technical ability. Increase for further professional development in hazardous planning expertise. Incorporate technical, hazardous risk management, grant writing and funding into training activities.						Has this activity been identified with the annual public safety report requirements?
FC5. County - Evaluate the need for a voluntary annual hazard/vulnerability self-reporting program for farmers, CAFR facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous materials waste transported through the County, and to take additional mitigation/safety measures that be implemented, if necessary.						Need to get Eng Strat from State Extension Manual.
FC6. County - Create and maintain a well used inventory of the County's special permit population to determine emergency response and mitigation capabilities.						
FC7. County - Ensure all applicable private and/or commercial and utility service providers have a current Environmental Response Response Plan per the Rules of Clean Water Act the Pennsylvania Clean Streams Law (P.S. 6902.1, 6902.1001, the Pennsylvania Bull Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and regulations promulgated thereunder.						Has this activity been implemented after the Pennsylvania's annual operations?

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Continuing	Completed	Discontinued	
FC1. County - Develop and conduct refresher courses and training for others involved with Harris County CERT and Chain of Custody Sample Acquisition (CASA) which include vehicles, trucks, and other to advertise opportunities.						Has this activity been implemented after the annual operations?
FC2. County - Begin the process to review and revise safety analysis and limit equipment regulations to minimize flood risk, such as heavy vehicle use and other hazard risks as appropriate. This effort may be used in other regulatory activities and projects. Assessments, studies, and public involvement to review regulatory effectiveness, compatibility, and inter-agency/regional collaboration.						Has this activity been implemented after the annual operations?
FC3. County and all Mitigation Entities - Implement an enhanced enhanced, public safety/vulnerability/hazard information production on natural hazard risks and a non-structural collaboration of which residents can do in the way of mitigation and preparedness, including flood insurance.			X			Has this activity been implemented after the annual operations?

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Continuing	Completed	Discontinued	
FC13. Multi-Township Research cooperative action to prevent flooding of Park Plaza in Dublin Township and approximately 11 local lots.						
FC14. Multi-Township - In Holston Township, cut the curb back at 2.8 back beer lead to improve sight lines and allow more sight on the road.						
FC15. Union Township - In Union Township, continue to advise public officials and collaboration with state agencies (e.g., PENNDOT) to study and maintain the state area on 1-366 (RD 146).						
FC16. Av Township - In Av Township, identify and implement response to manage hazardous material spillage from the Av to Dingo Station.			X			On 11/16/16 at 16:45 hrs project.
FC17. County and All Municipalities - Conduct workshops and training for municipal officials on the level of water use, regulations to protect new and existing structures, and infrastructure.						Has this activity been implemented after the annual operations?
FC18. County - Conduct, sponsor, or facilitate an existing training for municipal officials and other relevant personnel.						Has this activity been implemented after the annual operations?
FC19. Local Township - Replace heavy duty on demolition sites, in order to provide, with one square mile.						
FC20. Using Creek Township - Consult on a bridge on (Creek Road) (7388) in Hickory Creek Township over the creek bridge.						
FC21. Benet Township - Investigate safety at the intersection of Green Cove Road (SR 307) and Alpine Road in Benet Township.						Has this activity been implemented after the annual operations?

Existing Mitigation Action	Status					Review Comments
	No Progress (Unknown)	In Progress (Not Yet Complete)	Continuing	Completed	Discontinued	
FC8. County - Strengthen the County's domestic animal health surveillance by partnering with Harris County Agricultural Community with one list of local water issues and conditions related to animal health via the OIR and the Pennsylvania Domestic Animal Fact Sheet of 1980.						Has this activity been implemented after the annual operations?
FC9. County - Partner with the County's agricultural community to identify and implement the CAERT to strengthen the County's comprehensive emergency management program.						Has this activity been implemented after the annual operations?
FC10. County - Collaborate with the PA Dept Bureau of Radiation Protection to enforce the state's Radon Awareness Campaign and public service announcements are disseminated through education camps. This could include educational and website development. County public service announcements, and social media development.			X			Has this activity been implemented after the annual operations?
FC11. Union Township - Obtain an engineering study to evaluate the intersection at Taylor Road and Myer Road in Union Township. Currently, currently, emergency vehicles have difficulty making the turn at this intersection.			X			Has this activity been implemented after the annual operations?
FC12. Union Township - Research existing traffic signals to improve the situation at Taylor Road (RD 146) in Union Township and investigate appropriate signal locations and other follow-up at this.			X			Has this activity been implemented after the annual operations?

Existing Mitigation Action	Status				Review Comments
	No Progress This Year	In Progress Not Yet Complete	Completed	Discontinued	
FC-28: All municipalities - comply with Franklin ordinance and building code regulations by requiring anchor studs and improved footing design on new and existing manufactured homes and residences of the County.					Has this activity been incorporated into the municipality's normal operations?
FC-29: County - Establish a Firewise Program in the County, especially around the Meadow Grounds Lake, Cowans Gap State Park, and Bluffswood Park. Part of the initiative could include visual development of riparian areas, public service announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Woodland Urban landscape.			X		
FC-30: County - identify and apply for funding to upgrade the County's radio system.					Has this activity been incorporated into the municipality's normal operations?
FC-31: County and all municipalities - identify and apply for funding to upgrade emergency responder's radio equipment.			X		
FC-32: Periodic Township - include dry hydrant locations along PA-55 to assist the Lancaster Fire Company.					Has this activity been incorporated into the municipality's normal operations?
FC-33: County - protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.					
FC-34: County - implement program deemed necessary by the Conservation District.					

Hazards Mitigation Plan - Fulton County, Pennsylvania

Existing Mitigation Action	Status				Review Comments
	No Progress This Year	In Progress Not Yet Complete	Completed	Discontinued	
FC-42: Taylor Township - In Taylor Township, conduct infrastructure improvements and create the bank back at Fritchman and Waterloo Road.					
FC-43: Union Township - In Union Township, conduct infrastructure improvements at Harmonia Road (SH 3002) and Leamon Road (T 3051).					
FC-44: Union Township - In Union Township, conduct infrastructure improvements at Harmonia Road (SH 3002) and Leamon Road (T 3051).					Supervisors are monitoring it.
FC-45: Dublin Township - In Dublin Township, conduct infrastructure improvements at Waterloo Road (S.R. 475) and Barle Ridge Road (T 826).					
FC-46: New Township - In New Township, identify correction actions on Forest Cove Road (S.R. 271) by Wippenkill Lane to alleviate transportation accidents, and determine bus stop conditions to road curve.					
FC-47: Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement and coordinate improvements to the two state bridges along via between Waterloo Road and Uniontown.					
FC-48: Thompson Township - In Thompson Township, replace the culverted road culvert carrying West Branch Road (T 307) over Dutch Run.	X				
FC-49: Union Township - In Union Township, maintain and upgrade bridge No. 3 on Zantz Ridge Road (L 330), as needed.					On file.

Hazards Mitigation Plan - Filson County, Pennsylvania

Existing Mitigation Action	Status				Review Comments
	No Progress This Year	In Progress Not Yet Complete	Completed	Discontinued	
FC-22: Bethel Township - Increase visibility at the intersection of State Conn. Road (US 521) and Bethel Church Road in Bethel Township.					
FC-23: Bethel Township - Increase visibility at the intersection of SR 633 and Spruce Road in Bethel Township.					
FC-24: Bethel Township - Increase visibility at the intersection of Stony Creek Road and Black Oak Road in Bethel Township.					
FC-25: Bethel Township - Increase visibility at the intersection of Buck Valley Road and Kings Chapel Road in Bethel Township.					
FC-26: County and all municipalities - comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest additive vulnerability to determine the best practical/effective methods. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of basement • Hazard categorization value 					Has this activity been incorporated into the municipality's normal operations? <p>(Has this activity been incorporated into the municipality's normal operations?)</p>
FC-27: All municipalities - comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the areas with the highest additive vulnerability to determine the best practical/effective methods with individual priority swamps.					

Hazards Mitigation Plan - Union County, Pennsylvania

Existing Mitigation Action	Status				Review Comments
	No Progress This Year	In Progress Not Yet Complete	Completed	Discontinued	
FC-35: County - Coordinate with the transportation and emergency responders, firefighters, and municipal officials. Topic focuses could include modules from the Emergency Operations Plan, Class Communications, voluntary participation, and recovery/assistance strategies.					Has this activity been incorporated into the municipality's normal operations?
FC-36: County and all municipalities - Encourage major contractors and other parties to participate in the community stewardship program, such as encouragement to use environmentally friendly and low carbon footprint materials and products, and encourage contractors, utility or chemical services, and other contractors to use environmentally friendly products.					Has this activity been incorporated into the municipality's normal operations?
FC-37: County and all municipalities - Lead research from all departments during the pre-impact, impact, and post-impact phases in an emergency.					Has this activity been incorporated into the municipality's normal operations?
FC-38: County and all municipalities - Identify and the action information needed to create sustainability analysis in hazard phase.					Has this activity been incorporated into the municipality's normal operations?
FC-39: County and all municipalities - Evaluate existing road capacity with concern to proposed road and other traffic on local roads and implement road improvements, as applicable.					Has this activity been incorporated into the municipality's normal operations?
FC-40: Thompson Township - In Thompson Township, improve and repair the intersection of West Branch Road (T 307) and Forest Road (SH 2005) to allow for the passage of emergency vehicles.		X			Township updated permit/road plans.
FC-41: Taylor Township - In Taylor Township, conduct road improvements on Dutch Lane (T 423).					Is better in 2019.

Hazards Mitigation Plan - Union County, Pennsylvania

Hazard Identification and Risk Evaluation Worksheet

Name: Connie Hann Title: Secretary/Treasurer

Jurisdiction: Todd Township

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
Natural Hazards		
Drought	NC	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

Existing/Mitigation Action	Status				Review Comments
	Not Started	In Progress	Complete	Discontinued	
<p>FC-50: All municipalities - Consider providing or adopting a policy or resolution and zoning standards in order to reduce flood hazard risk, specifically through: <ul style="list-style-type: none"> Supporting a planning board or adjustment committee in cases where adjustments are difficult to complete with the intent of floodplain regulation; i.e., vertical building height restrictions for reduced waterway discharge/imperviousness coverage; </p>					<p>Has this activity been incorporated into the municipality's annual operations?</p>
<p>FC-21: County and All Municipalities - Configure a floodplain ordinance and development in the County, not in accordance of determined parameters, where applicable.</p>		X			<p>Has this activity been incorporated into the municipality's annual operations?</p>
<p>FC-26: County - require that all owners of structures within flood hazard areas when high-hazard areas are next updated.</p>		X			<p>Has this activity been incorporated into the municipality's annual operations?</p>

Added Mill Road Bridge as a high priority mitigation action on 12/27/16. Township received multi-modal funding in 2018.

Mitigation Strategy 5: Four Mitigation Plan Review

PART II

Other Hazards: Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

- Avalanche
- Coastal Erosion
- Dust, Sand Storm
- Extreme Temperatures
- Expansive Soils
- Hurricane
- Invasive Species
- Lightning
- Pandemic
- Tsunami
- Volcano

Human-Caused

- Building or Structure Collapse
- Civil Disturbance
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Mass Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:

- X 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.

Hazard	Jurisdiction Risk	County Risk
Dam Failures	2.3	2.5
Drought	1.1	2.2
Earthquake	1.1	2.2
Environmental Hazards	2.3	2.6
Flooding/Flash Flood/Ice Jam	1.1	3.0
Hailstorm	1.1	1.7
Landslide	1.1	1.6
Radon Exposure	1.1	2.1
Subsidence and Sinkholes	1.1	2.2
Tornado/Windstorm	1.1	2.2
Transportation Accidents	2.3	1.8
Wildfire	2.3	1.9
Winter Storm	1.1	3.4

Jurisdiction Risk - 1.0 [Municipality]

4. Self-Assessment of Capability: Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazards/vulnerability. Using the following table please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 2-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Financial Capability		X	
Education and Outreach	X		

1. Assessment of Hazard: Determine if hazard, mitigation, and address (education and outreach) activities are planned, funded, and implemented. Indicate if a hazard, mitigation, and address activity is planned, funded, and implemented, or if it is not planned, funded, or implemented. If not planned, funded, or implemented, indicate if it is not planned, funded, or implemented.

Hazard	Planned	Funded	Implemented	Comments
1.1 Flood	X	X	X	
1.2 Severe Weather	X	X	X	
1.3 Earthquake	X	X	X	
1.4 Tornado	X	X	X	
1.5 Other	X	X	X	

2. Assessment of Insurance: Determine if insurance programs are available for the following types of hazards. Indicate if a program is available, or if it is not available. If not available, indicate if it is not available.

Hazard	Available	Not Available	Comments
2.1 Flood	Yes	No	
2.2 Severe Weather	Yes	No	
2.3 Earthquake	Yes	No	
2.4 Tornado	Yes	No	
2.5 Other	Yes	No	

3. Assessment of Flood Insurance Program/Availability

Question	Yes	No	Comments
3.1 Does your jurisdiction have a flood insurance program?	Yes	No	
3.2 If yes, is it a National Flood Insurance Program (NFIP) policy?	Yes	No	
3.3 If yes, is it a private flood insurance policy?	Yes	No	
3.4 If yes, is it a private flood insurance policy that is not an NFIP policy?	Yes	No	
3.5 If yes, is it a private flood insurance policy that is not an NFIP policy and is not a private flood insurance policy?	Yes	No	
3.6 Does your jurisdiction have a flood insurance program that is not an NFIP policy and is not a private flood insurance policy?	Yes	No	
3.7 Does your jurisdiction have a flood insurance program that is not an NFIP policy and is not a private flood insurance policy and is not a private flood insurance policy?	Yes	No	

Mitigation Strategy 5-Year Mitigation Plan Review

1. I will the provided recommendations help us and understand about the user control panel process implementation. The standard service version does not include additional from the planning team to incorporate into the update process.

2. Complete and provide the following questions through the user control panel process:

- 1. Provide goals, objectives, and actions to address the identified and proposed solutions.
- 2. How is each goal for general hazard mitigation and the user control panel process being implemented? Provide a brief description of the current status of the implementation and the expected completion date.
- 3. What is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 4. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 5. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 6. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 7. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 8. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 9. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.
- 10. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.

3. Reviewing the response, the question you address the user control panel process implementation and the user control panel process implementation. The information are standard, providing information for further action. Please provide a brief description of the current status of the implementation and the expected completion date.



Existing Goals and Objectives	Comments
<p>1. Provide goals, objectives, and actions to address the identified and proposed solutions.</p> <p>2. How is each goal for general hazard mitigation and the user control panel process being implemented? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>3. What is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>4. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>5. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>6. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>7. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>8. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>9. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>10. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p>	<p>1. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>2. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>3. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>4. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>5. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>6. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>7. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>8. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>9. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p> <p>10. How is the current status of the implementation? Provide a brief description of the current status of the implementation and the expected completion date.</p>

Existing Goals and Objectives

Existing Goals and Objectives	Comments
Goal 4 Protect natural resources within the hazard areas.	
No Change	
Goal 5 Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	
No Change	



Existing Goals and Objectives	Comments
Goal 1 Prevent hazards from impacting the community.	
No Change	
Goal 2 Protect the people, property, and environment in hazard areas.	
No Change	
Goal 3 Maintain and enhance emergency services capabilities in the community.	
No Change	

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal, or new goals and objectives on the last page of this exercise.



Existing Goals and Objectives	Comments
Goal 1 Prevent hazards from impacting the community.	
No Change	
Goal 2 Protect the people, property, and environment in hazard areas.	
No Change	
Goal 3 Maintain and enhance emergency services capabilities in the community.	
No Change	

Description of Hazardous Materials	Risk Level				Mitigation Strategy
	Low	Medium	High	Critical	
Chemical spills from storage tanks at the industrial site. The tanks are located in an unsecured area and are subject to theft and vandalism.					Install security cameras and fencing around the tanks. Implement strict access control.
Asbestos-containing materials in the building. The materials are located in the ceiling and walls of the building.					Asbestos abatement project. Enclose the area and remove the materials.
Flammable liquids stored in the building. The liquids are stored in unsecured containers.					Transfer the liquids to approved storage containers. Implement fire safety measures.
Radioactive materials in the building. The materials are stored in unsecured containers.					Transfer the materials to approved storage containers. Implement security measures.
Biological hazards in the building. The hazards are stored in unsecured containers.					Transfer the hazards to approved storage containers. Implement security measures.
Explosive materials in the building. The materials are stored in unsecured containers.					Transfer the materials to approved storage containers. Implement fire safety measures.
Corrosive materials in the building. The materials are stored in unsecured containers.					Transfer the materials to approved storage containers. Implement fire safety measures.
Flammable gases in the building. The gases are stored in unsecured containers.					Transfer the gases to approved storage containers. Implement fire safety measures.
Highly reactive materials in the building. The materials are stored in unsecured containers.					Transfer the materials to approved storage containers. Implement security measures.
Other hazardous materials in the building. The materials are stored in unsecured containers.					Transfer the materials to approved storage containers. Implement security measures.

Worksheet 8 - Risk of the Hazardous Materials

Description of Hazard	Risk Level				Mitigation Strategy
	Low	Medium	High	Critical	
Earthquake					Seismic retrofits for buildings.
Flood					Flood insurance and levee improvements.
Wildfire					Firebreaks and fire-resistant landscaping.
Winter Storm					Snow removal and ice management.
Heat Wave					Shade trees and reflective roofing.
Drought					Water conservation programs.
Other Natural Hazards					
Human-made Hazards					
Chemical Spills					Proper storage and handling.
Asbestos					Asbestos abatement.
Lead					Lead testing and remediation.
Radon					Radon testing and mitigation.
Other Human-made Hazards					

Hazard Identification and Risk Evaluation Worksheet

Name: Alan H. Michael Title: Union Twp Sup
 Jurisdiction: UNION TWP

PART I

Identified Hazards 2015 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community? <i>NC = No Change; I = Increase; D = Decrease</i> <i>Please provide an explanation for any hazards marked I or D in the "Additional Comments" column.</i>	Additional Comments
Natural Hazards		
Drought	D	
Earthquake	NC	
Flood, Flash Flood, and Ice Jam	NC	
Hailstorm	NC	
Landslide	NC	see Det 126
Radon Exposure	NC	
Subsidence and Sinkhole	NC	
Tornado and Windstorm	NC	
Wildfire	NC	
Winter Storm	NC	
Human-made Hazards		
Dam Failure	NC	
Environmental Hazards	NC	
Transportation Accident	NC	

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the boxes below.

Natural

- Avalanche
- Invasive Species
- Coastal Erosion
- Lightning
- Drought
- Pandemic
- Extreme Temperatures
- Tornado
- Explosive Soils
- Volcanic
- Hurricane

Human-Created

- Building or Structure Collapse
- Mass Food/Animal Feed Contamination
- Civil Disturbance
- Structural Fire
- Disorientation
- Terrorism
- Drowning
- Utility Interruption
- Levee Failure
- Wreck and Debris Activity
- Workplace Incident

Additional Comments:

Jurisdiction Risk - UNION (Municipality)

2.3	2.3	2.2	2.6	1.6	1.7	1.6	2.1	2.2	2.2	1.8	1.9	1.8
Dam Failures	Drought	Earthquake	Environmental Hazards	Flooding/Fresh Flood/Fire Dam	Hailstorm	Landslide	Radon Exposure	Subsidence and Sinkholes	Tornado/Windstorm	Transportation Accidents	Wildfire	Winter Storm
						7				> 3	3	

- > 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.

1. Inland area
2. NO FIRE HAZARD IN TWP

Municipal

Jurisdiction Risk - UNION TWP (Municipality)

2.3	2.3	2.2	1.8	2.8	1.7	1.6	2.1	2.2	2.2	1.8	1.9	2.1
Dam Failures	Drought	Earthquake	Environmental Hazards	Flooding/Fresh Flood/Fire Dam	Hailstorm	Landslide	Radon Exposure	Subsidence and Sinkholes	Tornado/Windstorm	Transportation Accidents	Wildfire	Winter Storm
<	=	=	>	=	=	>	=	=	=	>	>	=

SUBSTANTIAL HAZARD

- > 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.

Fulton County Steering Committee
Risk Assessment/Capability Assessment Review Meeting

Tool / Program	In Place	Status		Date Adopted/Updated	Under Development	Dept./Agency Responsible	Comments
		Adopted	Updated				
Subdivision Regulations	X			1982			
Comprehensive Land Use Plan for General, Medium, or Special Use (Plan)	X			1/2007		Fulton County Planning Agency	Needs updated field samples for review
Open Space Management Plan (for public/private or stormwater)	X			5/2007			Joint Plan
Stormwater Management Plan / Ordinance	X			3/2011		Fulton Co. Planning Agency	
Natural Resource Protection Plan							
Capital Improvement Plan							
Economic Development Plan							
Historic Preservation Plan	X						
Flooded Preservation	X						
Building Code	X			2003		Approved by Code Inspection SVU	State Code
Fire Code							
Other							

Hazard Mitigation Plan - Fulton County, Pennsylvania

Capability Assessment Survey

Jurisdiction: Union Twp., Fulton Co.

Point of Contact Name and Title: Carolyn M. Willis, Secy/Treas.

Phone: (717) 294-0251

Email: union-township@facebook.com

1. Planning and Regulatory Capability: Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/updates. Then, for each particular item in place, identify the department or agency responsible for its implementation and indicate its scheduled or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or explanations in the space provided.

Tool / Program	In Place	Status		Date Adopted/Updated	Under Development	Dept./Agency Responsible	Comments
		Adopted	Updated				
Hazard Mitigation Plan	X			9/29/2015		Fulton County EMA	
Emergency Operations Plan	X			3/5/2017		Fulton Co. EMA	
Disaster Recovery Plan							
Evaluation Plan							
Community of Open Spaces Plan							
ARP	X			2011			
ARP - Floodplain Ordinance	X			2011			
ARP - Community Rating System							
Floodplain Regulations (gov. NFP)							
Flood Damage Prevention Ordinance							
Floodplain Management Plan							
Zoning Regulations							

Hazard Mitigation Plan - Fulton County, Pennsylvania

Old Michael
Supervisor
Union Twp

3. **Financial Resources:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming				
Community Development Block Grants (CDBG)				
Special Purpose Taxes		✓	Available if projects approved	Kevin Hahn CDBG Office
GIS / Utility/Utility Fees		✓		
Water / Sewer Fees		✓		
Stormwater Utility Fees		✓		
Development Impact Fees		✓		
General Obligation, Revenue, and/or Special Tax Bonds		✓		
Purchasing Arrangements or Intergovernmental Agreements				
Other				

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "x" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planner, (with land use / land development knowledge)	✓		County	
Planners or engineers (with natural and/or human caused hazard knowledge)				
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)				
Emergency Manager	✓		Brian Barton (EMA Co-ordinator)	
MHR Hazardplain Administrator				
Land Surveyors				
Scientists or staff familiar with the hazards of the community				
Personnel skilled in GIS analysis (EMAS/HAZUS program)				
Grant writers or fiscal staff to handle large or complex grants				
Staff with expertise or training in benefit/cost analysis				
Other				

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "x" in the box marking the most appropriate degree of capability (limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Degree of Capability		
	Limited	Moderate	High
Planning and Regulatory Capability	✓		
Administrative and Technical Capability	✓		
Financial Capability	✓		
Education and Outreach	✓		

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
Firewise Communities Certification				
Stormwater certification	✓		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs				
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)				
Public-private partnership initiatives addressing disaster-related issues				
Local utility groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.				
Other				

2. FLOODPLAIN MANAGEMENT		Recommended Action	Yes/No	Comments
a. Has the municipality adopted a comprehensive floodplain management ordinance that, at a minimum, requires the following: (1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)? (2) Does the municipality obtain, review, and update any special flood elevation (SFE) and floodway data, and/or update SFE data for subdivision proposals and other development projects larger than 50 lots or 5 acres? (3) Does the municipality identify encroachments that are subject to improved construction requirements from flooding to or above the BFE, including setbacks, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage? (4) Does the municipality document and maintain records of elevation data that determine lowest flood elevation for risk of substantially improved structures? (5) Does the municipality enforce the ordinance to correct violations?		If yes, answer questions (1) through (3) below. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify the office responsible. If yes, specify how.	Yes 2011	None issued None If any building constructed within flood area - none presently in town's office None if necessary

Hazard Mitigation Plan - Fulton County, Pennsylvania

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

MUNICIPALITY: WILLOW TWP, FULTON COUNTY

1. FLOODPLAIN IDENTIFICATION AND MAPPING		Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective flood insurance rate map if not digital flood insurance rate maps (if not digital flood insurance rate maps)? Does the municipality maintain copies of the most recent flood insurance Survey (FIS)? b. If the municipality adopted the most current FIS, when was it adopted? c. Does the municipality support requests for map updates? d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new information regarding flood hazard areas or flood insurance rates from a revision or identification of new data? e. Does the municipality provide assistance with local floodplain determinations?		If yes, please list the local libraries or make available publicly. State the date of adoption, if approved. If yes, specify how. If yes, specify how. If yes, specify the responsible office.	Yes 2/2011 Yes Yes	 IN the past updated recently no updates to report None to report

Hazard Mitigation Plan - Fulton County, Pennsylvania

Mitigation Strategy 5-Year Mitigation Plan Review
 Name: Debra M. White Title: Sec. / Treas. Location: WILLOW TWP, FULTON CO.
 Purpose: To fulfill the requirement of the maintenance of the Hazard Mitigation Plan (HMP) as been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.
 Instructions: Complete the Local and Community Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind.

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be broken down into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so, why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be nominated to address identified hazard threats?
- Are there any factors that have impacted the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in unexpected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Can the jurisdiction, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using the chart the questions are structured, however, it is important to credit the existing HMP management actions for additional questions that may need to be completed.

NATIONAL FLOOD INSURANCE PROGRAM SURVEY

MUNICIPALITY: WILLOW TWP, FULTON COUNTY

2. FLOODPLAIN MANAGEMENT		Recommended Action	Yes/No	Comments
a. Has the municipality considered adopting actions that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHAs • Prohibition of certain types of residential housing (manufactured housing) in SFHAs • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHAs		If yes, specify activities.	No	

3. FLOOD INSURANCE

Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.		
b. Does the municipality inform community property owners about changes to the Community Rating System that would impact their insurance rates?	If yes, specify how.	No	Information Available
c. Does the municipality provide financial assistance to community members regarding insurance issues?	If yes, specify how.	No	

Hazard Mitigation Plan - Fulton County, Pennsylvania

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as 'No Progress / Unknown, In Progress / Not Yet Completed, Continuous, Completed, or Discontinued'. Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Completed	Continuous	Completed	Discontinued	
<p>F-11. County: Develop and conduct refresher courses and trainings for citizens involved with (former) County CERT and Clean Corps. Sample suggested activities would include: website, "what if," and flyers to advertise opportunities.</p> <p>-C-2. County: begin the process to review and revise existing subdivision and land ordinances, resulting in to minimize flood risk, substandard, and other hazard risks as appropriate. The effort may be multi-jurisdictional/regional, as interest and resources allow. County can consider public outreach activities, newsletters, e-blasts, and public presentations in demonstrates inclusiveness, transparency, and multi-municipal/regional collaboration.</p> <p>F-13. County and other organizations - develop and implement an enhanced all hazards public outreach/education/mitigation information program on rural hazard risks and a non-technical explanation of what condition is in the way of mitigation and strategies, including flood insurance.</p>				X		<p>Has this activity been incorporated into the municipality's annual operations?</p> <p>The County completed a lot of things that are comprehensive in terms with the 5 other counties in the so-called Allegheny region.</p> <p>Has this activity been incorporated into the municipality's annual operations?</p>

Goal and Objective Review Worksheet

Instructions: Write each goal and objective identified in the existing HMP. Use the comment boxes to provide feedback or to suggest modification of any of the proposed goals or objectives. You may suggest additional objectives below each goal or new goals and objectives on the last page of this exercise.

Goal	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

I-70/Old 124 Slide - had been maintaining dip in roadway by adding materials on a regular basis. Slide area worsened due to heavy rainfall (approx. 78 inches) in 2018

Indefinitely closing section of Old 124 (Slide Area) due to safety issues to the traveling public until the problem can be resolved.

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as 'No Progress / Unknown, In Progress / Not Yet Completed, Continuous, Completed, or Discontinued'. Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No Progress / Unknown	In Progress / Not Yet Completed	Continuous	Completed	Discontinued	
<p>Suggested Additional Goals and/or Objectives</p> <p>Update lowest subdivision ordinance.</p>						
Objective						
Objective						
Objective						
Goal						
Objective						
Objective						
Objective						
Goal						
Objective						
Objective						
Objective						

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Completed	Continuous	Completed	Discontinued	
FC8. County - Monitor the County's domestic animal health surveillance by including the Fulton County Agricultural Community with their set of reportable diseases, and conditions as seen to animal health on the OIE and the Pennsylvania version of Animal Act (644, 100, 61, 2025).						Has the county been integrated into the municipality's normal operations? Need to get Greg Strick from State attention.
FC9. County - Work with the County's agricultural community to develop and implement the CAP for state agency. The County's comprehensive emergency management program.						Has this activity been integrated into the municipality's normal operations? Need to get Greg Strick from State attention.
FC10. County - Collaborate with the PA Dept. Bureau of Radiation Protection to ensure the State's Bureau Awareness Campaign and Public Service Announcements are disseminated throughout Fulton County. The county's public relations and website development plan. County public service announcements, and social media development.		X				Has this activity been integrated into the municipality's normal operations? Do press releases about radiation.
FC11. Dublin Township - Obtain an engineering study to redesign the intersection at Taylor Road and Vandalia Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.		X				Township receives preliminary drawings. Need to speak to landowner about doing necessary work. That will take time.
FC12. Dublin Township - Research roadwork options to improve the condition of various Road bridges at both in Lowerport, and implement approval, site weight limit restrictions and other follow up actions.		X				On 11/1 - construction of 11

Hazard Mitigation Plan - Fulton County, Pennsylvania
 FC

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Completed	Continuous	Completed	Discontinued	
FC13. County and all municipalities - Encourage cross-fertilizing of existing personnel or utilize County personnel from other counties. Utilize the County's personnel from other counties and technical staff. Allow for further professional development, include training, courses, national administration, disaster/risk management, grant writing and funding, and cost/benefit analysis.						Has this activity been integrated into the municipality's normal operations?
FC14. County - Evaluate the need for a voluntary animal waste/management self-report program for farmers, CAFO facilities, and other relevant operations to utilize so that the County can more accurately estimate the amount of hazardous liquid waste transported through the County and its final disposal. Additional mitigation/safety measures may be implemented. Frequency.						Need to get Greg Strick from State attention.
FC15. County - Conduct site maintenance and maintenance of the County's special needs population to strengthen emergency response and coordination operations.						
FC16. County - First in all applicable private industrial, commercial, and public utility service providers have a current Emergency Preparedness Response Plan per the Revised Clean Water Act the Pennsylvania Clean Water Act 105 P.S. 48931.1-501.1001.1, the Pennsylvania Safe Water Management Act, the Pennsylvania Source Water Management Act, the Pennsylvania Source Water Protection Act, and the Pennsylvania Source Water Protection Act and implement, promulgated provisions.						Has this activity been integrated into the municipality's normal operations?

Hazard Mitigation Plan - Fulton County, Pennsylvania
 FC

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Completed	Continuous	Completed	Discontinued	
FC 21. Berne Township - Increase visibility at the intersection of Grant Ave. Road (US-522) and Bethel Rd. in Berne Township.						
FC 22. Berne Township - Increase visibility at the intersection of Spruce and Spring Road in Berne Township.						
FC 23. Berne Township - Increase visibility at the intersection of Stony Brook Road and Oak Oak Road in Berne Township.						
FC 24. Berne Township - Increase visibility at the intersection of Bulk Valley Road and Mary Chapel Road in Berne Township.						
FC 25. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the area with the highest relative vulnerability to determine the best survey protection methods. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Yarded or unyarded area 						Has this activity been integrated into the municipality's normal operations?
FC 27. All municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the area with the highest relative vulnerability to determine the best survey protection methods. The following information should be obtained: <ul style="list-style-type: none"> • Lowest floor elevation • Number of stories • Presence of a basement • Yarded or unyarded area 						Has this activity been integrated into the municipality's normal operations?

Hazard Mitigation Plan - Fulton County, Pennsylvania
 FC

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Completed	Continuous	Completed	Discontinued	
FC 13. Fulton Township - Research and create a zoning ordinance for floodplain protection and implementation of floodplain ordinance.						On 11/1 - construction of 11
FC14. Safety Provision - To address floodplain ordinance, the County will be back at 2/8 this year to improve the ordinance and to allow more space on the road.						
FC 15. Union Township - Continue to pursue political climate and solution, then with state agencies (e.g., PennDOT) to study and maintain the state agency on 11/1/25.						
FC 16. All Townships - In All Townships, identify and implement response to increase stormwater runoff along Route 16, from the Village to Clark Station.		X				On 11/1/25, 16 paving project.
FC 17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.						Has this activity been integrated into the municipality's normal operations?
FC18. County - Conduct, sponsor, or facilitate grant-writing trainings for municipal officials and other relevant personnel.						Has this activity been integrated into the municipality's normal operations?
FC19. Todd Township - Prepare three (3) inch topographic maps. In Todd Township, with one square mile.						The Super 8s do not feel that a change will remedy the situation.
FC 20. Union Township - Construct a bridge on Creek Road (T 388) in Union Township, from the intersection of Creek Road (US-522) and Spring Road in Berne Township.						

Hazard Mitigation Plan - Fulton County, Pennsylvania
 FC

Capability Assessment Survey

Capability Assessment Survey

Jurisdiction: Wells Township Point of Contact Name and Title: Leanne Barnwell
 Phone: 814-330-5593 Email: wellstowship.surveyors@gmail.com

1. **Planning and Regulatory Capability:** Please indicate whether the following planning or regulatory tools and programs are currently in place or under development for your jurisdiction by placing an "X" in the appropriate box, followed by the date of adoption/update. Then, for each particular item in place, identify the department or agency responsible for its implementation, and indicate its enhanced or anticipated effect on hazard loss reduction with the appropriate symbol (Supports, Neutral, or Hinders). Also indicate any change in the ability of the tool or program to affect loss reduction. Finally, please provide additional comments or observations in the space provided.

Tool / Program	In Place	Status		Dept./Agency Responsible	Comments
		Adopted or Updated	Under Development		
Local Ordinance (Local Mitigation Plan)	X	07/2016		Hazard County EMA	Approved by 2016 regional emergency management council, completed last year.
Hazard Mitigation Plan	X	9/29/2015		Fulton County EMA	
Emergency Operations Plan	X	2012			
Disease Recovery Plan					
Evacuation Plan					
Continuity of Operations Plan					
MIFP	X	9/18/11			
MIFP - Community Rating System					
Floodplain Regulations (Spec. NFIP Flood Damage Prevention Ordinance)					
Floodplain Management Plan					
Zoning Regulations					

PART II

Other Hazards:

Do any of the following hazards (not previously profiled in the County's hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

Natural

- Avalanche
- Coastal Erosion
- Dust, Sand Storm
- Extreme Temperatures
- Expansive Soils
- Hurricane
- Invasive Species
- Lightning
- Pandemic
- Tsunami
- Volcano

Human-Caused

- Building or Structure Collapse
- Civil Disturbance
- Disorientation
- Drowning
- Levee Failure
- Nuclear Incident
- Mass Food/Animal Feed Contamination
- Structure Fire
- Terrorism
- Utility Interruption
- War and Criminal Activity

Additional Comments:

Capability Assessment Survey

2. **Administrative and Technical Capability:** Please indicate whether your jurisdiction maintains the following staff members within its current personnel resources by placing an "X" in the appropriate box. Then, if YES, please identify the department or agency they work under and provide any other comments you may have in the space provided or with attachments.

Staff/Personnel Resources	Yes	No	Department/Agency	Comments
Planners (with land use / land development knowledge)		<input checked="" type="checkbox"/>		
Planners or engineers (with natural and/or human caused hazards knowledge)		<input checked="" type="checkbox"/>		
Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)		<input checked="" type="checkbox"/>		
Emergency Manager	<input checked="" type="checkbox"/>		Mary Kay Soule	
MIFP Floodplain Administrator		<input checked="" type="checkbox"/>		
Land Surveyors		<input checked="" type="checkbox"/>		
Scientists or staff familiar with the hazards of the community		<input checked="" type="checkbox"/>		
Personnel skilled in GIS and/or FEMA's IIA/LUS program		<input checked="" type="checkbox"/>		
Grant writers or fiscal staff to handle large or complex grants		<input checked="" type="checkbox"/>		
Staff with expertise or training in benefit-cost analysis		<input checked="" type="checkbox"/>		
Other				

Capability Assessment Survey

Tool / Program	In Place	Status		Dept./Agency Responsible	Comments
		Adopted or Updated	Under Development		
Subdivision Regulations	X	1979			
Comprehensive Land Use Plan (or General, Master, or Growth Mgt. Plan)	X	2007			
Open Space Management Plan (or Parks/Recreation or Greenways Plan)	X	2007			
Stormwater Management Plan / Ordinance	X	2011			
Natural Resources Protection Plan					
Capital Improvement Plan					
Economic Development Plan					
Historic Preservation Plan					
Landmark Preservation					
Building Code	X			2015	
Fire Code					
Other					

4. **Education and Outreach:** Identify education and outreach programs and methods already in place that could be used to enlighten mitigation activities and communicate hazard related information. Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Program/Organization	Yes	No	Department/Agency	Comments
1 review Communities Certification		<input checked="" type="checkbox"/>		
Stormfamily certification	X		Fulton County Emergency Management Agency	
Natural disaster or safety related school programs		<input checked="" type="checkbox"/>		
Ongoing public education or information program (e.g. responsible water use, fire safety, household preparedness, environmental education)		<input checked="" type="checkbox"/>		
Public-private partnership initiatives addressing disaster-related issues		<input checked="" type="checkbox"/>		
Local citizen groups or nonprofit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		<input checked="" type="checkbox"/>		
Other				

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Wells Township

I. FLOODPLAIN IDENTIFICATION AND MAPPING

Requirement	Recommended Action	Yes/No	Comments
a. Does the municipality maintain accessible copies of an effective flood insurance rate map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent flood insurance study (FIS)?	Place these documents in the local library or make available publicly.	Yes	
b. Has the municipality adopted the most current OFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	
c. Does the municipality support requests for map updates?	If yes, specify how.	No	
d. Does the municipality share with federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	No	
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	

3. **Financial Capability:** Please indicate whether your jurisdiction has access to or is eligible to use the following local financial resources for hazard mitigation purposes (including as match funds for state or federal mitigation grant funds). Then, identify the primary department or agency responsible for its administration or allocation and provide any additional comments you may have in the space provided or with attachments.

Financial Resources	Yes	No	Department/Agency	Comments
Capital Improvement Programming		<input checked="" type="checkbox"/>		
Community Development Block Grants (CDBG)		<input checked="" type="checkbox"/>		
Special Purpose Taxes		<input checked="" type="checkbox"/>		
Gas / Electric Utility Fees		<input checked="" type="checkbox"/>		
Water / Sewer Fees		<input checked="" type="checkbox"/>		
Stormwater Utility Fees		<input checked="" type="checkbox"/>		
Development Impact Fees		<input checked="" type="checkbox"/>		
General Obligation, Revenue, and/or Special Tax Bonds		<input checked="" type="checkbox"/>		
Partnering Arrangements or Intergovernmental Agreements		<input checked="" type="checkbox"/>		
Other		<input checked="" type="checkbox"/>		

5. **Self-Assessment of Capability:** Please provide an approximate measure of your jurisdiction's capability to effectively implement hazard mitigation strategies to reduce hazard vulnerabilities. Using the following table, please place an "X" in the box marking the most appropriate degree of capability (Limited, Moderate, or High) based on best available information and the responses provided in Sections 1-4 of this survey.

Area	Limited	Moderate	High
Planning and Regulatory Capability		<input checked="" type="checkbox"/>	
Administrative and Technical Capability		<input checked="" type="checkbox"/>	
Financial Capability		<input checked="" type="checkbox"/>	
Education and Outreach		<input checked="" type="checkbox"/>	

2. FLOODPLAIN MANAGEMENT	Requirement	Recommended Action	Yes/No	Comments
	c. Has the municipality considered adopting activities that exceed beyond the minimum requirements? Examples include: <ul style="list-style-type: none"> • Participation in the community rating system • Prohibition of production or storage of chemicals in SIFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA Floodplain ordinances that prohibit any new residential or nonresidential structures in SIFHA		No	

3. FLOOD INSURANCE	Requirement	Recommended Action	Yes/No	Comments
	a. Does the municipality educate community members about the availability and value of flood insurance?		No	
	b. Does the municipality inform community property owners about changes to the NFIP/IFIRM that would impact their insurance rates?		No	
	c. Does the municipality provide general assistance to community members regarding insurance issues?		No	

2. FLOODPLAIN MANAGEMENT	Requirement	Recommended Action	Yes/No	Comments
	a. Has the municipality adopted a complaint floodplain management ordinance that, at a minimum, requires the following: <ol style="list-style-type: none"> (1) Does the municipality issue permits for all proposed development in the special flood hazard areas (SFHA)? (2) Does the municipality obtain, review, and utilize any base flood elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres? (3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood resistant materials, and designing for boating, utilities and service facilities to prevent water damage? (4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures? 		No	
	b. If a complaint floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?		NA	

Goal and Objective Review Worksheet	Existing Goals and Objectives	Comments
Goal 1	Prevent hazards from impacting the community.	
Goal 2	Protect the people, property, and environment in hazard areas.	
Goal 3	Maintain and enhance emergency services capabilities in the community.	

Mitigation Strategy 5-Year Mitigation Plan Review

Name: Carrie Barrett Title: Secretary Jurisdiction: Wills Township

Purpose: To fulfill the requirement that maintenance of the hazard mitigation plan (HMP) has been completed since the publication of the original or previous version, and to obtain early feedback from the planning team to incorporate into the update process.

Instructions: Complete the Goal and Objective Review Worksheet and Mitigation Action Plan Review Worksheet on the next pages keeping the following questions in mind:

- Do the goals, objectives, and actions address current and expected conditions?
- Should each goal be carried forward into the updated plan? Should a goal be changed based on current conditions in the community? Should a goal be discontinued, and if so why?
- What is the status of each action? What progress has been made? Should an action be continued in the updated plan? Should an action be discontinued, and if so, why?
- Has the nature or magnitude of hazard risk changed?
- Are current resources adequate to implement the plan?
- Should additional local resources be committed to address identified hazard threats?
- Are there any issues that have limited the current implementation schedule?
- Have the implementation of identified mitigation actions resulted in expected outcomes?
- Has the Steering Committee measured the effectiveness of completed hazard mitigation projects in terms of specific dollar losses avoided?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?
- Are there other concerns that should be identified?

Before completing the worksheets, the group may wish to discuss the above questions in a round-robin format, using a flip chart. The questions are standard, however, it is important to check the existing HMP maintenance section for additional questions that may need to be considered.

Suggested Additional Goals and/or Objectives		Comments
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		
Goal		
Objective		
Objective		
Objective		

Existing Goals and Objectives		Comments
Goal 4	Protect natural resources within the hazard areas.	
Goal 5	Ensure that stakeholder groups have necessary information to mitigate against hazard impacts.	

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
FC-4. County and All Municipalities - Encourage (100%) funding of existing, proposed or future County personnel resources, all training and funding sources, to enhance local administration and technical ability. Goals for future professional development may include planning expertise, floodplain administration, hazard/risk management, risk writing and funding, and cost/benefit analysis.			✓			Has this activity been integrated into the municipality's normal operations?
FC-5. County - Evaluate the need for a voluntary annual weed/maint/ferriber self-reporting program for farmers, CAFO facilities, and other relevant organizations to utilize so that the County can more accurately estimate the amount of hazardous biological waste transported through the County and so that additional mitigation/safety measures may be implemented, if necessary.			✓			Need to get Greg Strak, from State Extension involved!
FC-6. County - Create and maintain a web-based inventory of the County's special needs population to facilitate emergency response and evacuation operations.			✓			
FC-7. County - Ensure all applicable private industrial, commercial, and public utility service providers have a current Environmental Emergency Response Plan per the Federal Clean Water Act and the Pennsylvania Clean Streams Law (35 P.S. §§601.1-691.1001), the Pennsylvania Solid Waste Management Act, the Pennsylvania Storage Tank Act, the Oil Pollution Act, and regulations promulgated thereunder.	✓					Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No Progress/Unknown	In Progress/Not Yet Complete	Continuous	Completed	Discontinued	
FC-1. County - Develop and conduct refresher courses and trainings for citizens involved with former County CERT and Citizen Corps. Sample supplemental activities could include websites, e-blast, and flyers to advise live opportunities.			✓			Has this activity been integrated into the municipality's normal operations?
FC-2. County - Rejoin the process to review and update existing subdivision and land development regulations to minimize flood risk, subsidence/slackline risk, and other hazard risks as appropriate. This effort may be multi-municipal/regional, as interest and priorities allow. County can consider public outreach activities (newsletters, e-blasts, and public presentations) to demonstrate inclusiveness, transparency, and multi-municipal/regional collaboration.				X		The County completed a joint implementable comprehensive plan with the 5 other counties in the Southern Alleghenias region.
FC-3. County and All Municipalities - Develop and implement an enhanced all hazards, public outreach/education/mitigation information program on natural hazard risks and a non-technical explanation of what residents can do in the way of mitigation and preparedness, including flood insurance.			✓			Has this activity been integrated into the municipality's normal operations?

Mitigation Action Plan Review Worksheet

Instructions: List each mitigation action from the existing HMP and identify its status as "No Progress / Unknown", "In Progress / Not Yet Complete", "Continuous", "Completed", or "Discontinued." Include review comments for each action.

Existing Mitigation Action	Status					Review Comments
	No. of Projects Unknown	In Progress Not Yet Complete	Continuous	Completed	Discontinued	
FC-13. Dublin Township - Research corrective actions to prevent flooding of Park Road in Dublin Township, and implement, if feasible.						Continued - from 12/25/16 review meeting
FC-14. Dublin Township - In Berlin Township, cut the back backs at 2750 back back Road to improve sight distance and to allow more space on the curb.						
FC-15. Union Township - In Union Township, continue to pursue political forums and collaboration with state agencies (e.g., PennDOT) to study and maintain the side area on I-262 (Old 126).						
FC-16. Agr Township - In Agr Township, identify and implement response to increase stormwater runoff along Route 16, from Tru Value to Cigo Station.		X				On TP with Rt. 16 parking project.
FC-17. County and All Municipalities - Conduct workshops and training for municipal officials on the benefits of land use regulations to protect new and existing structures and infrastructure.				✓		Has this activity been integrated into the municipality's normal operations?
FC-18. County - Conduct, sponsor, or facilitate joint writing trainings for municipal officials and other relevant personnel.				✓		Has this activity been integrated into the municipality's normal operations?
FC-19. Todd Township - Repave three miles on Johnstons Drive, in Todd Township, with one square mile.						Operations do not feel that a full replacement will remedy the situation.
FC-20. Lehigh Creek Township - Construct a bridge on Cress Road (T-388) in Lehigh Creek Township over the Cress feeding.						
FC-21. Berthel Township - Increase visibility at the intersection of Grant Cove Road (US-522) and Apple Road in Berthel Township.						

Existing Mitigation Action	Status					Review Comments
	No. of Projects Unknown	In Progress Not Yet Complete	Continuous	Completed	Discontinued	
FC-8. County - Strengthen the County's domestic animal health surveillance by collaborating the Fulton County agricultural community with the list of reportable diseases and conditions related to animal health per the OIE and the Pennsylvania Domestic Animal Act (Act 108 of 1990).						Has this activity been integrated into the municipality's normal operations? Need to get Greg Strat. Penn State Extension involved.
FC-9. County - Work with the County's agricultural community to develop and implement the CAP to strengthen the County's comprehensive emergency management program.		✓				Has this activity been integrated into the municipality's normal operations? Need to get Greg Strat, Penn State Extension involved.
FC-10. County - Collaborate with the PADEP Bureau of Radiation Protection to ensure the State's radon awareness campaign and public service announcements are disseminated throughout Fulton County. The fund include cultural and website development/link, County public service announcements, and social media development.		X				Has this activity been integrated into the municipality's normal operations? Do press releases about radon.
FC-11. Dublin Township - Obtain an engineering study to redesign the water section at Taylor Road and Waterloo Road in Dublin Township. Currently, emergency vehicles have difficulty making the turn at this intersection.		X				Township received preliminary drawings. Need to speak to landowner about obtaining necessary land.
FC-12. Dublin Township - Research corrective actions, needed to improve the condition of Turney Road Bridge in Dublin Township, and implement appropriate weight limit controls and other follow-up actions.		X				On TP - construction in 2025

Existing Mitigation Action	Status					Review Comments
	No. of Projects Unknown	In Progress Not Yet Complete	Continuous	Completed	Discontinued	
FC-28. All Municipalities - Comply with floodplain ordinance and building code requirement by requiring anchor strips and improved footing strategies on new and existing manufactured homes and residents of the County.		✓				Has this activity been integrated into the municipality's normal operations?
FC-29. County - Establish a Treeover Program in the County, especially around the Meadow Grounds Lake, Cowart Can State Park, and Brezewood Park. Part of this initiative could include visual development of impacted areas, public service announcements, and educational outreach to farmers, hunters, campers, hikers, school children, and homeowners in the Wildland-Urban Interface.						
FC-30. County - Identify and apply to funding to enhance the County's radio system.				X		Has this activity been integrated into the municipality's normal operations?
FC-31. County and All Municipalities - Identify and apply for funding to upgrade emergency responders' radio equipment.				X		Has this activity been integrated into the municipality's normal operations?
FC-32. Berthel Township - Install dry hydrant locations along PA 655 to assist the Neenstone Fire Company.		✓				Has this activity been integrated into the municipality's normal operations?
FC-33. County - Protect natural wetlands that may absorb floodwaters. The benefits of this action would be described in other collateral developed for related initiatives.						
FC-34. County - Implement programs deemed necessary by the Conservation District.				✓		

Existing Mitigation Action	Status					Review Comments
	No. of Projects Unknown	In Progress Not Yet Complete	Continuous	Completed	Discontinued	
FC-32. Berthel Township - Increase visibility at the intersection of Grant Cove Road (US-522) and Berthel Church Road in Berthel Township.						
FC-33. Berthel Township - Increase visibility at the intersection of St. Michaels and Spring Road in Berthel Township.						
FC-34. Berthel Township - Increase visibility at the intersection of Stony Brook Road and Back Lake Road in Berthel Township.						
FC-25. Berthel Township - Increase visibility at the intersection of Sata Valley Road and Kays Chapel Road in Berthel Township.						
FC-26. County and All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information on existing and proposed new structures in the 1 percent chance floodplain to determine the best property protection methods to promote with individual property owners.						Has this activity been integrated into the municipality's normal operations?
FC-37. All Municipalities - Comply with floodplain ordinance regulations by continuing to obtain information for all existing and proposed new structures in the 1 percent chance floodplain to determine the best property protection methods to promote with individual property owners.		✓				Has this activity been integrated into the municipality's normal operations?

Existing Mitigation Action	Status					Review Comments
	No Program/ Unfunded	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-42. Taylor Township - In Taylor Township, conduct impact studies on bridges and cut the bank back at Field Road and Whittier Road.						
FC-43. Union Township - In Union Township, conduct intersection improvements at Harmonia Road (S.R. 3207) and Estman Road (1-320).						
FC-44. Union Township - In Union Township, conduct intersection improvements at Harman Road (S.R. 3007) and Stable Road (1-313).						Supervisors are monitoring it.
FC-45. Dublin Township - In Dublin Township, conduct intersection improvements at Whittier Road (S.R. 475) and Barre Ridge Road (1-426).						
FC-46. Avy Township - In Avy Township, identify correction actions on Great Cove Road (S.R. 522) by Whippoorwill Lane to alleviate transportation accidents, and dangerous bus stop conditions for road curve.						
FC-47. Taylor Township - In Taylor Township, identify and coordinate with PennDOT to implement infrastructure improvements to the two state bridges along 853 between Waterfall Road and Hurlstonem.						
FC-48. Thompson Township - In Thompson Township, replace the corrugated metal culvert carrying West Orchard Road (T 3051) over Dutch Run.						
FC-49. Union Township - In Union Township, maintain and upgrade bridge No. 3 on Zedus Hedge Road (T 330), as needed.		X				On TP.

Existing Mitigation Action	Status					Review Comments
	No Program/ Unfunded	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-35. County - Coordinate with the conservation and emergency offices to provide education and training to emergency responders, managers, and municipal officials. Topics should include modules from the Emergency Operations Plan, Crisis Communications, shelter management, and recovery/assistance strategies.						Has this activity been integrated into the municipality's normal operations?
FC-36. County and All Municipalities - Encourage major employers and other leaders to participate in the secondary StormReady program. Such encouragement could occur through digital and print cultural, personal outreach, and speaking events at local service organizations (e.g., Rotary or Chamber events).						Has this activity been integrated into the municipality's normal operations?
FC-37. County and All Municipalities - Seek relevant input from all departments during the pre-impact, impact, and post-impact phases of an emergency.						Has this activity been integrated into the municipality's normal operations?
FC-38. County and All Municipalities - Identify and fill gaps in information needed to conduct vulnerability analyses in hazard areas.						Has this activity been integrated into the municipality's normal operations?
FC-39. County and All Municipalities - Evaluate existing road capacity with concern to increased truck and other traffic on local roads, and implement road improvements, as applicable.						Has this activity been integrated into the municipality's normal operations?
FC-40. Thompson Township - In Thompson Township, upgrade and resurface the intersection of Dent Road (T-343) and Limber Ridge Road (S.R. 2015) to allow for the passage of emergency vehicles.		X				Township applied for multi-modal funds.
FC-41. Taylor Township - In Taylor Township, conduct road improvements on Dutch Lane (1-421).						To be done in 2019

Existing Mitigation Action	Status					Review Comments
	No Program/ Unfunded	In Progress/ Not Yet Complete	Continuous	Completed	Discontinued	
FC-50. All Municipalities - Consider promoting or adopting higher regulatory and zoning standards to manage flood hazard risk, specifically through (examples): <ul style="list-style-type: none"> Support planning board of adjustment variances in cases where appeals are difficult to comply with the intent of floodplain regulations (e.g., overall building height, setbacks for in-line walkways) Develop and adopt a cumulative substantial drainage/improvements ordinance. 						Has this activity been integrated into the municipality's normal operations?
FC-51. County and All Municipalities - Continue to promote future growth and development in the County in areas outside of determined hazard zones, where possible.						Has this activity been integrated into the municipality's normal operations?
FC-52. County - Request digital copies of emergency Action Plans (EAP) and inundation maps when high-hazard dam (HFD) are not updated.		X				Has this activity been integrated into the municipality's normal operations?

Added Mill Road Bridge as a high priority mitigation action on 12/5/16. Township received multi-modal funding in 2018.