

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization: Alexandria Brough

Name and Title: Judy Scott/Council President

Please complete this worksheet for each new mitigation action. See Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards for sample mitigation actions to reduce risk from hazards. This resource is in the resource section of the project website: https://www.pensylvaniiahmp.com/huntingdon_county_hmp

Action Title	Acquisition of hazard prone lands, in their undeveloped state. Acquiring land located south of the 300 block of Main Street Alexandria and Bridge St.
Assessing the risk	
Hazard(s) addressed	Flooding, flash flooding, ice jams and environmental hazards, a continual problem to the borough
Describing the action	
Background/issue addressed	By the Borough's utilization of these lands in lessening the effects of flooding within in the borough, by protecting and eliminating any natural dams that is an issue in backflow of waters and trash being dumped into island.
Action description	Clear away excessive blockages, to help maintain and create a free flow of flood waters. Also protecting the islands natural beauty and resources for future generations.
Action category	Natural System Protections, developing and environment for Education and Awareness Programs
Existing or future action	Near future once obtained.
Evaluating the action	
Losses avoided (i.e., benefits)	By allowing the flood water to flow more freely past the borough, rather than into the borough in a less restrictive manner, this will lower the water levels. Thus, reducing property damage.
Cost estimate	N/A currently
Cost effectiveness (i.e., benefit/cost)	An undeniable savings by reducing flood waters.
Priority	Immediate

Implementing the action	
Responsible party	Borough of Alexandria
Potential partners	Army Corp. of engineers and Porter TWP.
Potential funding sources	Grant
Timeline	Immediate

Please email completed forms to kellv.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization: Alexandria Brough

Name and Title: Judy Scott/Council President

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Action Title	Redirect Commercial Trucks for ACCO
Assessing the risk	
Hazard(s) addressed	Transportation safety issue Tractor Trailer excessive traffic
Describing the action	
Background/issue addressed	Truck traffic for ACCO plant, safest path of least resistance is to enter route 305 from route 22 on the West end of town. Trucks entering town from Bridge street, travels the entire way through our residential areas unnecessarily, causing greater risk to our pedestrians.
Action description	Relocate signage to redirect truck traffic to enter from the West entrance of town and post additional signage at Bridge street end No Truck Traffic. Thus, eliminating intown ACCO truck traffic.
Action category	Plans and Regulations Structure and Infrastructure
Existing or future action	
Evaluating the action	
Losses avoided (i.e., benefits)	
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	
Priority	Immediate
Implementing the action	

Responsible party	Borough of Alexandria
Potential partners	Porter TWP.
Potential funding sources	N/A currently
Timeline	Immediate

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization: Alexandria Brough

Name and Title: Judy Scott/Council President

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Action Title	Shelton Avenue and High Street
Assessing the risk	
Hazard(s) addressed	Environmental Hazards, Flash Flood, Transportation
Describing the action	
Background/issue addressed	Excessive stormwaters have created an erosion on the sides of the roadway on High Street, the increased runoff made a drainage situation that is now blocked and prevented flow to be safely distributed. The culmination of which continues down to Main Street. This is met with more water backflow on the roadway, creating a dangerous situation.
Action description	Proper installation of new stormwater system along with build up of the berms of the roadway that has been eroded away from the stormwaters.
Action category	Plans and Regulations, transportation, Structure and Infrastructure
Existing or future action	Cleaning of drains restricting of storm drain and ground leveling
Evaluating the action	
Losses avoided (i.e., benefits)	
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	
Priority	Immediate
Implementing the action	

Responsible party	Borough of Alexandria
Potential partners	Army Corp of Engineers
Potential funding sources	N/A currently
Timeline	Immediate

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization: Alexandria Brough

Name and Title: Judy Scott/Council President

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Action Title	6 th Street
Assessing the risk	
Hazard(s) addressed	Environmental Hazards, Flash Flood, Transportation
Describing the action	
Background/issue addressed	Excessive stormwaters on 6 th Street, the increased runoff made a drainage situation, from the Heights in Porter Twp., that is now blocked at Legion and prevented flow to be safely distributed. The culmination of which continues down to Main Street. This is met with more water backflow on the roadway, creating a dangerous situation. It turns into the rapids during heavy rains.
Action description	Proper installation of new stormwater system along with build up of the berms of the roadway that has been eroded away from the stormwaters.
Action category	Plans and Regulations, transportation, Structure and Infrastructure
Existing or future action	Cleaning of drains restricting of storm drain and ground leveling
Evaluating the action	
Losses avoided (i.e., benefits)	Future flooding and property damage to homeowners in the community.
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	Long term priceless, loss prevention due to flooding
Priority	Immediate

Implementing the action	
Responsible party	Borough of Alexandria
Potential partners	Army Corp of Engineers
Potential funding sources	N/A currently
Timeline	Immediate

Please email completed forms to kellv.tessier@mbakerintl.com

New Mitigation Action Form For Alexandria, PA

Please complete this worksheet for each new mitigation action. See Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: <https://www.pennsylvaniahmp.com/huntingdon-county-hmp>

Action Title	Canal Street Pedestrian Bridge
Assessing the Risk	
Hazard(s) addressed	Transportation Accidents
Describing the Action	
Background/issue addressed	Due to the deterioration of a wooden pedestrian bridge that approximately 20', the bridge crosses Blue Run on the West Borough boundary, was removed due to the hazard condition it posed.
Action description	The bridge needed great repair. And now without the bridge another safety issue has occurred. The walkway is no longer available for the community to safely access the Alexandria / Porter Township Park. This causes people to be redirected to a heavily traveled Main street walk path. This increases the risk for pedestrian and children biking, when trying to access the park.
Action category	Structural Project Implementation.
Existing or future action	Current plans have been drafted, community involvement is ready,
Evaluating the Action	
Losses avoided (i.e., benefits)	Potential traffic pedestrian accidents
Cost estimate	Not Available
Cost effectiveness (i.e., benefit/cost)	Priceless, the cost is relative to the long term safety that will be provided by construction of the new bridge.
Priority	IMMEDIATE
Implementing the Action	
Responsible party	Alexandria Borough,
Potential partners	Porter Township
Potential funding sources	State waivers and grant , as well as community fund raising.

Please email completed forms to kellv.tessier@

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Barree Township / Barree Township Supervisors
Name and Title:	Todd Musser / Chairman

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Action Title	Winchester Road (t-539) @ Manor Hill Road Flooding
Assessing the Risk	
Hazard(s) addressed	Flood, Flash Flood, Ice Jam
Describing the Action	
Background/issue addressed	Tributary to Armond Run floods over T-539 (Winchester Road) and causes silt deposition and debris backup
Action description	Working with the County Conservation District to procure Low Volume Road Funding to raise the road profile
Action category	Road Structure Improvements
Existing or future action	Current – Contract to get the road and stream profiles mapped Future – Raise the road profile
Evaluating the Action	
Losses avoided (i.e., benefits)	Road Washout, Culvert maintenance, Silt deposition
Cost estimate	\$75,000
Cost effectiveness (i.e., benefit/cost)	Preserves the road and protects a high quality trout stream from excessive silting
Priority	Intermediate
Implementing the Action	
Responsible party	Barree Township Supervisors
Potential partners	Huntingdon County Conservation District / Dirt and Gravel Road Program
Potential funding sources	Center for Dirt and Gravel Roads
Timeline	2020-2022

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Birmingham Borough
Name and Title:	Raymond Zeke, Chairman Borough Council

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Storm Drainage
Assessing the Risk	
Hazard(s) addressed	Excess erosion and unsafe road travel
Describing the Action	
Background/issue addressed	Only two access exist and access maintenance is critical to safety.
Action description	Stabilization of road and storm drainage
Action category	Infrastructure
Existing or future action	Ongoing road maintenance and upgrade to stormwater system.
Evaluating the Action	
Losses avoided (i.e., benefits)	Substantial expense on new road paving
Cost estimate	\$25,000 - 50,000
Cost effectiveness (i.e., benefit/cost)	High road maintenance cost
Priority	High
Implementing the Action	
Responsible party	Raymond Zeke
Potential partners	Huntingdon County and PennDOT
Potential funding sources	Borough of General Furd, Borough of Liquid Fuels, and Huntingdon County Conservation District
Timeline	May 2020 - October 2022

New Mitigation Action Form

Municipality/Organization:	Brady Township - HUNTINGDON COUNTY
Name and Title:	STANLEY J. GRESKO CODE ENFORCEMENT

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Sadlers Creek bed clean up
Assessing the Risk	
Hazard(s) addressed	This creek will flood during heavy rain causing damage to several properties
Describing the Action	
Background/issue addressed	This creek bed has a build up of river stones in several areas which causes overflows
Action description	The stones need to be removed to return the water level to normal.
Action category	Natural Systems Protection
Existing or future action	The township has contacted the necessary agencies for permits.
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoid road + property damage caused by overflows
Cost estimate	unable to estimate - DEP will not issue permits
Cost effectiveness (i.e., benefit/cost)	Preserves public road structure and public road access \$150,000.00
Priority	Intermediate
Implementing the Action	
Responsible party	Brady Township
Potential partners	none
Potential funding sources	municipal General Funds + grants
Timeline	Depending on permits and Funding

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Clay Township, Dublin Township, Springfield Township
Name and Title:	Randy Anderson, EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Hazardous Materials Release Preparedness
Assessing the Risk	
Hazard(s) addressed	Hazardous Materials Release, Transportation Accidents
Describing the Action	
Background/issue addressed	There are several potential sites for hazardous materials releases within Clay, Dublin, and Springfield Townships. Specifically, Dublin Township contains a Waste Transfer Station. As these townships are highly rural, transport of large amounts of dairy and liquid manure are frequent occurrences and pose a potential risk for hazardous materials releases. Transport of large propane volumes has also been of concern.
Action description	Educate the public and township stakeholders about hazardous materials sites and releases.
Action category	Education and Awareness Programs
Existing or future action	
Evaluating the Action	
Losses avoided (i.e., benefits)	Loss of life, environmental contamination, loss of property.
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	
Priority	Low
Implementing the Action	
Responsible party	Clay Township, Dublin Township, Springfield Township Supervisors
Potential partners	Huntingdon County EMA
Potential funding sources	Township Annual Budget, Liquid Fuel Funds

Please email completed forms to kelly.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Timeline	1 – 5 years
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New Mitigation Action Form

Municipality/Organization:	COALMONT BOROUGH
Name and Title:	DOLLY FORD SECRETARY/TREASURER PEGGY HOOVER PRESIDENT

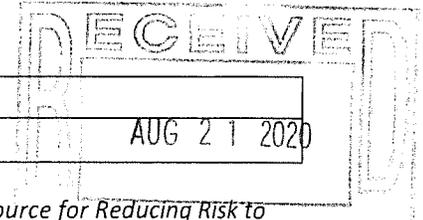
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Action Title	
Assessing the Risk	
Hazard(s) addressed	POTENTIAL POWER OUTAGE
Describing the Action	
Background/issue addressed	ON SEVERAL OCCASIONS THE ENTIRE MUNICIPALITY HAS BEEN WITHOUT POWER FOR EXTENDED TIME PERIODS
Action description	BUY A GENERATOR FOR BORO BLDG TO BE ^{a SHELTER}
Action category	STRUCTURE / INFRASTRUCTURE
Existing or future action	FUTURE
Evaluating the Action	
Losses avoided (i.e., benefits)	LOSS OF LIFE DUE TO EXTREME TEMPERATURE
Cost estimate	TO BE DETERMINED
Cost effectiveness (i.e., benefit/cost)	TO BE DETERMINED
Priority	HIGH
Implementing the Action	
Responsible party	COUNCIL
Potential partners	
Potential funding sources	GENERAL FUND
Timeline	TO BE DETERMINED

Please email completed forms to kelly.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form



Municipality/Organization:	Cromwell Township
Name and Title:	Dave Brenneman EM A

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	McClure road Flooding
Assessing the Risk	
Hazard(s) addressed	McClure Rd Flooding every year that causes road closure and detours
Describing the Action	
Background/issue addressed	The road floods yearly from the Aughwick Creek causing the road to be closed
Action description	Building the road up with slate and placing tiles under the road to allow the water to pass through
Action category	Structural Project implementation
Existing or future action	Currently the township closes the road whenever it floods. Future building the road up with slate and placing tiles under the road
Evaluating the Action	
Losses avoided (i.e., benefits)	destruction of the road. Avoid shutting down the road which has a very long detour.
Cost estimate	\$150,000.00
Cost effectiveness (i.e., benefit/cost)	saving the road surface and not having to detour traffic
Priority	Intermediate
Implementing the Action	
Responsible party	Cromwell Township
Potential partners	None known at this time
Potential funding sources	Municipal General fund and any available grant monies.
Timeline	Dependant on future money sources

New Mitigation Action Form

Municipality/Organization:	Dudley Borough
Name and Title:	Kim Tessier Secretary

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Action Title	Flood - ice - gushing water
Assessing the Risk	
Hazard(s) addressed	Water Rushes through
Describing the Action	
Background/issue addressed	Area along rd that gets flooding when it rains - causes other problems as well
Action description	Council members has looked at it - need to apply for Grant to help
Action category	insert new pipe
Existing or future action	Borough needs to look at the area & see what it will cost to fix
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoid washout - flooding - icy Cond. on 4th Street
Cost estimate	Unsure
Cost effectiveness (i.e., benefit/cost)	Preserve the Road so no more Damage
Priority	not emergency
Implementing the Action	
Responsible party	Dudley Borough
Potential partners	None
Potential funding sources	DCNR Grant for new year
Timeline	Depending upon grant money

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Henderson Township, Huntingdon County, PA 16652
Name and Title:	Robert A Coffelt, Chairman Henderson Township Board of Supervisors

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Action Title	Guard rails on Numers Hollow Road T450 Henderson Township
Assessing the Risk	
Hazard(s) addressed	Township Road way safety hazard
Describing the Action	
Background/issue addressed	Henderson Township has recently made some major improvements to the depressions in this area of T450 out of our general fund, and recognizes that to improve safety in this section of T450 we would like to install 200 to 300 yards of metal guard rail
Action description	Seek funding for guard rail installation.
Action category	Roadway safety
Existing or future action	Seek grant funding thru Penn Dot or other county, state or federal agencies.
Evaluating the Action	
Losses avoided (i.e., benefits)	Improved roadway safety
Cost estimate	No cost estimates available currently
Cost effectiveness (i.e., benefit/cost)	Providing personal and property safety
Priority	High
Implementing the Action	
Responsible party	Henderson Township
Potential partners	Pennsylvania State authorities/ Penn Dot
Potential funding sources	Grant capital
Timeline	As soon as funding can be secured

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Henderson Township, Huntingdon County, PA 16652
Name and Title:	Robert A Coffelt, Chairman Henderson Township Board of Supervisors

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Action Title	Culverts Replacement on School House Road, T448 Henderson Township on the private property of the Humane Society
Assessing the Risk	
Hazard(s) addressed	Stream and Roadway drainage. Flooding into T448
Describing the Action	
Background/issue addressed	There are two drainage issues on this section of the drainage ditch next to Township Road T448. The issues are related to drainage culverts that clog on a regular basis. The first steel culvert of 28" +/- and the two black ADS culverts of 18" that are installed side by side down stream about 150 +/- yards. The Steel culvert is showing signs of deterioration and being undersized and subject to regular clogging. The Two18' ADS culverts are in a continuing state clogging and like the steel culvert needing to be cleared of obstructions on a regular basis
Action description	Since this problem is on private property but is has a direct negative effect on the drainage of T448, School House hollow , the township will most likely need to work with the Huntingdon County Conservation District as well as the Department of Environmental resources as well as other federal/ state agencies and the landowner to correct the problems.
Action category	High
Existing or future action	Township will need to set up an initial meeting with the Landowner and the Huntingdon County Conservation District to see what is required to move forward.
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoid washout or damage to T448, Schoolhouse road and prevent downstream runoff.
Cost estimate	Currently unknown
Cost effectiveness (i.e., benefit/cost)	A solution to this problem would help to preserve the roadway and eliminate damage to private property. The corrective action would also mitigate runoff and or silt issues.
Priority	High
Implementing the Action	
Responsible party	Private landowner
Potential partners	Henderson township, state and federal agencies

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Potential funding sources	Grant funding and private landowner funding.
Timeline	Henderson Township would like to begin work on a solution as soon as funding is available.would like

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Henderson Township, Huntingdon County, PA 16652
Name and Title:	Robert A Coffelt, Chairman, Board of Supervisors, Henderson Township

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Action Title	Ellenberger Road T465 turn access off Numers Hollow Road T450 in Henderson Township.
Assessing the Risk	
Hazard(s) addressed	Potential Traffic Hazard, Transportation Accidents, Pedestrian accidents and safety.
Describing the Action	
Background/issue addressed	Ongoing issues with this intersection. We have had numerous complaints about the dangers related for this turn area, to include visibility and limited turning ability of vehicles. Currently it is only suitable for residential vehicles. Larger delivery trucks and buses find it difficult if not impossible to negotiate with the current available turning Radius.
Action description	We will need the Township engineer and most likely Penn Dot to assess the problem for much needed improvements.
Action category	Road Improvement Project
Existing or future action	Contact Dirt and Gravel and or Penn Dot to see if grant money is available to correct this area. Henderson township may need to see if their own general fund can supply the necessary capital for a solution.
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoid vehicle accidents and or damage.
Cost estimate	We do not have a current cost analysis or budget projection
Cost effectiveness (i.e., benefit/cost)	Improve public safety
Priority	High
Implementing the Action	
Responsible party	Henderson Township
Potential partners	None currently
Potential funding sources	Township General Fund, Grant funding.

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Timeline	We would like to fix this problem in 2020 if possible. Timeline is dependent on funding or available Township capital.
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New Mitigation Action Form

Municipality/Organization:	Hopewell Township
Name and Title:	Pine Ridge Road Landslide Phase 1 – Geotechnical Evaluation and Engineering Design

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Action Title	Impacting PennDOT SR 3003 Weaver Falls Road & TR 369 Pine Ridge Road
Assessing the Risk	
Hazard(s) addressed	Landslide, transportation accidents, road closure detouring emergency response
Describing the Action	
Background/issue addressed	When Raystown Lake was developed by the US Army Corps of Engineers as a flood control project, Pine Ridge Road was relocated to the north and reconstructed by cut and fill activities to widen Weaver Falls Road along the perimeter of the lakeshore. In the 50 years since construction, the hillside has been shifting and sliding rock, soil and vegetation from Pine Ridge Road onto Weaver Falls Road below. There have been significant landslides in 2011 and most recently in 2018.
Action description	Conduct a Geotechnical evaluation of the hillside on Pine Ridge to determine the underlying weaknesses and prepare an Engineering Design to stabilize the roadway.
Action category	Structural, Health & Safety
Existing or future action	The Township Supervisors engaged the Township Engineer to visit the site after the landslide on December 24, 1018. The structural engineers recommended that the roadway was too unstable to allow 2 lane traffic at the location of the slide. The Supervisors installed guiderail to restrict traffic to 1 lane on the north side of the road. Although considered, long-term closure of the road is dangerous because Emergency Service Responders from the Saxton area use Pine Ridge Road to quickly reach the James Creek area over the ridge. This route is needed during significant flooding events as the only route to enter Saxton Borough from the north is the bridge over the Raystown Branch of the Juniata River floods the SR 0913 Bridge west of the Borough. The Township has received proposals from Geotechnical Consultants to conduct drilling and materials testing to make recommendations for stabilizing the slope. The report would drive the Engineering Design for a permanent stabilization of Pine Ridge Road.
Evaluating the Action	
Losses avoided (i.e., benefits)	Unexpected roadway hazards, preservation of an important emergency access route, damage to the PennDOT Road.
Cost estimate	Geotechnical Evaluation - \$25,000 Engineering Design - \$30,000
Cost effectiveness (i.e., benefit/cost)	The Township has in the past 2 years made over \$120,000 of drainage and surface improvements to Pine Ridge Road north/uphill from the landslide with County Conservation District Low Volume Road grants and Township Liquid Fuels funds. Preserves public road structure and Emergency Response access. Saves costs to

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

	PennDOT District 9-0 Maintenance Crews to mobilize heavy equipment and trucks to remove the slide material to keep Weaver Falls Road passable for residents
Priority	High
Implementing the Action	
Responsible party	Hopewell Township Supervisors
Potential partners	PennDOT District 9-0, US Army Corps of Engineers – Raystown Lake Station (Owns the lands to the north of the slide where right-of-way and a temporary construction easement will be necessary to construct stabilizing improvement)
Potential funding sources	Municipal General Funds, Hazard Mitigation Grants and Liquid Fuels funds
Timeline	ASAP - There are visible signs that the slide is continuing by comparison of photos from 2011, 2018 and 2019.

New Mitigation Action Form

Municipality/Organization:	Hunt Boro
Name and Title:	

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Action Title	Muddy Run Floodplain
Assessing the Risk	
Hazard(s) addressed	Flooding
Describing the Action	
Background/issue addressed	
Action description	Repair muddy Run structure
Action category	stream repair
Existing or future action	GHD Engineering estimate \$2 million Corp of Engineer study now
Evaluating the Action	
Losses avoided (i.e., benefits)	Fewer homes + streets flooded
Cost estimate	2 million
Cost effectiveness (i.e., benefit/cost)	High
Priority	High
Implementing the Action	
Responsible party	Hunt Boro
Potential partners	Corp of Engineers
Potential funding sources	Corp + DCNR grants
Timeline	open

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Jackson Township
Name and Title:	Herb Clinger, Township Roadmaster

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Action Title	Camp Road (T-546) Culvert Replacement
Assessing the Risk	
Hazard(s) addressed	Flood, Flash Flood, and Ice Jams
Describing the Action	
Background/issue addressed	Present double cross-pipe culvert situation causes jams from ice and debris accumulation. Frequently washes out roadway during heavy rains and spring thaw runoff.
Action description	Replace double cross-pipes in culvert with one large capacity pipe, install stone headwalls and sidewalls. Build up road surface as needed to accommodate larger cross-pipe.
Action category	Structural Project
Existing or future action	Road will be proposed for DGLVR consideration.
Evaluating the Action	
Losses avoided (i.e., benefits)	Continued erosion of road base and road surface.
Cost estimate	\$40,000
Cost effectiveness (i.e., benefit/cost)	Eliminate yearly rebuilding of headwalls, debris cleaning and road surface repairs.
Priority	Intermediate
Implementing the Action	
Responsible party	Jackson Township
Potential partners	DGLVR Program
Potential funding sources	Grant funding/ Liquid Fuels funds
Timeline	Unknown at this time.

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Lincoln Twp.
Name and Title:	Brian Hunsicker EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Culvert Cleaning
Assessing the Risk	
Hazard(s) addressed	Storms can cause road erosion if cross pipes are not kept clear
Describing the Action	
Background/issue addressed	Continually make sure culvert inlets are kept clear to prevent road erosion
Action description	Keeping cross pipe inlets open before storms
Action category	
Existing or future action	Continue to monitor storms, so pipes can be kept clear
Evaluating the Action	
Losses avoided (i.e., benefits)	Road erosion
Cost estimate	\$5,000.00
Cost effectiveness (i.e., benefit/cost)	Cost of losing sections of road
Priority	High-during storms
Implementing the Action	
Responsible party	Lincoln Twp.
Potential partners	none
Potential funding sources	Township funds
Timeline	Dependent on storms

New Mitigation Action Form

Municipality/Organization:	Logan Township, Huntingdon county
Name and Title:	Clint Mowrer Township EMA

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Rural Water Supply
Assessing the Risk	
Hazard(s) addressed	Water Supply for Rural fires (example Barn, house, equipment, wild fire)
Describing the Action	
Background/issue addressed	Better water supply
Action description	Get better access to water by putting in driveways to streams and improving dry hydrates
Action category	
Existing or future action	We have dry hydrants that need repaired or improved
Evaluating the Action	
Losses avoided (i.e., benefits)	Better able to put any kind of fire out quicker to avoid more loss
Cost estimate	\$7,000 to \$14,000
Cost effectiveness (i.e., benefit/cost)	
Priority	1.9
Implementing the Action	
Responsible party	Logan township
Potential partners	Not sure
Potential funding sources	Not sure

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Timeline	In the next 5 years
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New Mitigation Action Form

Municipality/Organization:	Borough of Mapleton
Name and Title:	Chris Corbin Council President, Michael Corbin EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	alternate traffic route
Assessing the Risk	
Hazard(s) addressed	there is only one way in and out of the east end of the community that spans the creek that divide our town. The majority of the population this is the only way in or out.
Describing the Action	
Background/issue addressed	Another bridge could be constructed at the ends of 2 dead end streets as a second means of getting in and out
Action description	construct a bridge over Scrub Run creek to connect Ridge and Glenwood
Action category	infrastructure
Existing or future action	future
Evaluating the Action	
Losses avoided (i.e., benefits)	by doing so, it will provide a second means of getting out and into the community
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	This is a public safety improvement as there is only one means of getting in and out in event of an emergency. (Ex: mainline railroad goes through our town, if a derailment happen involving hazardous materials, there would be no way to evacuate people)
Priority	
Implementing the Action	
Responsible party	Borough of Mapleton
Potential partners	county planning, DCED, DOT, USDA, PEMA
Potential funding sources	Block grants, liquid fuels funds,
Timeline	future

New Mitigation Action Form

Municipality/Organization:	Borough of Mapleton
Name and Title:	Storm Water Drainage upgrade Chris Corbin, Council President, Michael Corbin EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Storm Water Management
Assessing the Risk	
Hazard(s) addressed	water from storm run off runs down majority of streets
Describing the Action	
Background/issue addressed	current drainage system is very old not capable
Action description	improve and expand storm water drainage system
Action category	infrastructure
Existing or future action	future
Evaluating the Action	
Losses avoided (i.e., benefits)	prevent flooding of streets, yards and water damage to same
Cost estimate	not known
Cost effectiveness (i.e., benefit/cost)	n/a
Priority	this is a high priority due to the impact on infrastructure and publ
Implementing the Action	
Responsible party	Mapleton Borough
Potential partners	County Planning, DCED,
Potential funding sources	CDBG, state liquid fuels, USDA
Timeline	depends on funding

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Marklesburg Borough
Name and Title:	Brian Hunsicker EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	storm water runoff
Assessing the Risk	
Hazard(s) addressed	Flooding
Describing the Action	
Background/issue addressed	The main stormwater runoff from fields above the borough flows to the center (middle) of the borough causing flooding to homes below the inlet.
Action description	To continually monitor the inlet before the storms to make sure it is open
Action category	
Existing or future action	Continue to monitor situation
Evaluating the Action	
Losses avoided (i.e., benefits)	Flooding of structures below the inlet
Cost estimate	\$1,000.00
Cost effectiveness (i.e., benefit/cost)	Cost of Flood damage to homes and barns
Priority	High during storms
Implementing the Action	
Responsible party	Marklesburg Borough
Potential partners	none
Potential funding sources	Borough funds
Timeline	Dependent on storms

New Mitigation Action Form

Municipality/Organization: MORRIS TWP.
 Name and Title: CRIST FELLMAN EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	DEVELOP EARLY WARNING SYSTEM FOR PUBLIC NOTIFICATION
Assessing the Risk	
Hazard(s) addressed	LACK OF WARNING TO RESIDENTS ABOUT POSSIBLE OR CURRENT SITUATIONS
Describing the Action	
Background/issue addressed	PAST EVENTS OCCURRING WITHOUT CITIZEN WARNINGS
Action description	LOOKING INTO SOCIAL MEDIA PLATFORMS.
Action category	INVESTIGATIVE STAGE FOR SOLUTIONS
Existing or future action	IMPLEMENT WARNING SYSTEM
Evaluating the Action	
Losses avoided (i.e., benefits)	DEPENDENT ON SITUATION/HAZARD
Cost estimate	UNKNOWN
Cost effectiveness (i.e., benefit/cost)	MINOR COST VS POTENTIAL SAVINGS IN LOSS OF PROPERTY OR LIVES
Priority	INTERMEDIATE
Implementing the Action	
Responsible party	MORRIS TWP SUPERVISORS
Potential partners	?
Potential funding sources	?
Timeline	1 YR.

Please email completed forms to kelly.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Mount Union Borough
Name and Title:	Timothy M Allison Mayor

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Norfolk Southern Railroad
Assessing the Risk	
Hazard(s) addressed	The RAIL ROAD runs through the Borough The tunnels are having Stone failures that need Addressed
Describing the Action	
Background/issue addressed	The last major wreck was February 1917 21 people died. Railroad underpasses are getting rundown
Action description	TRAINING AND KNOWING OUR RESOURCES WITH FIRE AND EMS AND WITH THE EMA
Action category	working with local, fire, EMS AND EMA. with the Training
Existing or future action	Follow through with training fire EMS AND EMA work with the rail to bring tunnels up to safe conditions
Evaluating the Action	
Losses avoided (i.e., benefits)	IF there was A wreck there would be A PLAN OF ACTION to save lives AND protect property IF the tunnels were safe no stones would fall on cars ect
Cost estimate	?
Cost effectiveness (i.e., benefit/cost)	?
Priority	HIGH
Implementing the Action	
Responsible party	Mount Union Borough / EMA / Norfolk Southern RailRw
Potential partners	EMA AND Norfolk Southern RAIL
Potential funding sources	EMA
Timeline	1 to 3 year PLAN

New Mitigation Action Form

Municipality/Organization:	ONEIDA Township
Name and Title:	Stephen Magill - Supervisor

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Stormwater Management - Ridgeview Drive	
Assessing the Risk		
Hazard(s) addressed	Hazards - Flooding/Erosion of Private Residence & SR-26	Addressed - (NO)
Describing the Action		
Background/issue addressed	Background - Erosion of Roadways & Properties Down Stream	
Action description	Grade Road / Diversion Ditches / Retention Pond	
Action category	(Med - High)	
Existing or future action	Seeking Funding	
Evaluating the Action		
Losses avoided (i.e., benefits)	—	
Cost estimate	N/A	
Cost effectiveness (i.e., benefit/cost)	—	
Priority	High	
Implementing the Action		
Responsible party	Oneida Twp	
Potential partners	DCNR - Center for Dirt & Gravel Roads - PennDot	
Potential funding sources	Dirt & Gravel Road Program - Penn Dot Municipal Services	
Timeline	N/A (ASAP)	

New Mitigation Action Form

Municipality/Organization:	ONEIDA Township
Name and Title:	Stephen Magill - Supervisor

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Stream Bank Realignment - Blair Road.
Assessing the Risk	
Hazard(s) addressed	Hazards Erosion of Stream Bank, Check Possible Flooding
Describing the Action	
Background/issue addressed	Stream is not in line with Culvert Creating Erosion - Possible Flooding & Roadway Failure
Action description	Realign Stream Embankment with Culvert & Place Rip Rap on Banks
Action category	(Med - High)
Existing or future action	Seeking Funding
Evaluating the Action	
Losses avoided (i.e., benefits)	—
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	—
Priority	High
Implementing the Action	
Responsible party	Oneida Twp
Potential partners	DCNR - Center for Dirt & Gravel Road, DEP, PennDot Municipal Services
Potential funding sources	SAME as Above Partners
Timeline	N/A - (ASAP)

New Mitigation Action Form

Municipality/Organization:	ONEIDA Township
Name and Title:	Stephen Magill - Supervisor

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Build up ROADWAY - Wike's ROAD - SUNRISE CAMP ROAD
Assessing the Risk	
Hazard(s) addressed	Hazards - Roadway Failure - Flooding
Describing the Action	
Background/issue addressed	Erosion of Roadway - Flooding
Action description	Grade Roadway, Build up Roadway with DSA
Action category	(Med - High)
Existing or future action	Seeking Funding
Evaluating the Action	
Losses avoided (i.e., benefits)	-
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	-
Priority	High
Implementing the Action	
Responsible party	Oneida TWP
Potential partners	DCNR - Center for Dirt & Travel Roads - PennDot Municipal Services
Potential funding sources	SAME as Above Partners
Timeline	N/A - (ASAP)

New Mitigation Action Form

Municipality/Organization:	Orbisonia Borough	Huntingdon County
Name and Title:	Stephen Scott	Orbisonia President

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Antigua Borough Infrastructure - Water
Assessing the Risk	
Hazard(s) addressed	Dilapidated out of DATE water lines
Describing the Action	
Background/issue addressed	Constant water line failure
Action description	Water Authority Relies Broken Water lines.
Action category	Structure Project Implementation
Existing or future action	- Repair Monthly
Evaluating the Action	
Losses avoided (i.e., benefits)	Consistent drinking water
Cost estimate	unknown
Cost effectiveness (i.e., benefit/cost)	updated Borough water lines
Priority	intermediate
Implementing the Action	
Responsible party	Orbisonia Rockhill water Authority
Potential partners	Orbisonia & Rockhill Boroughs
Potential funding sources	unknown
Timeline	

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Penn Twp.
Name and Title:	Brian Hunsicker EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Storm Water Runoff
Assessing the Risk	
Hazard(s) addressed	During heavy rain storms, water floods roadways
Describing the Action	
Background/issue addressed	Make sure all the cross pipe inlets are open to prevent flooding of roadways
Action description	Keep all the cross pipe inlets open
Action category	
Existing or future action	Continue to monitor storms so inlets are open
Evaluating the Action	
Losses avoided (i.e., benefits)	Flooding of roadways
Cost estimate	\$7,000.00
Cost effectiveness (i.e., benefit/cost)	Cost of flooded roadways
Priority	High - during storms
Implementing the Action	
Responsible party	Penn Twp.
Potential partners	None
Potential funding sources	Township funds
Timeline	Dependent on storms

New Mitigation Action Form

Municipality/Organization:	Petersburg Borough
Name and Title:	Jacqueline C. Hardy - Secretary/Treasurer

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	
Assessing the Risk	
Hazard(s) addressed	Public Warning System
Describing the Action	
Background/issue addressed	
Action description	Provide emergency information to relay through Social Media, etc.
Action category	Shelters - services immediately.
Existing or future action	
Evaluating the Action	
Losses avoided (i.e., benefits)	Early warning to provide shelter, etc. for emergency disasters.
Cost estimate	TBD
Cost effectiveness (i.e., benefit/cost)	Loss of life - public service
Priority	Future
Implementing the Action	
Responsible party	Petersburg Borough - Huntingdon County
Potential partners	None
Potential funding sources	TBD
Timeline	Future

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Porter Twp.
Name and Title:	Crist Fellman EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Develop Early Warning System for Public Notification
Assessing the Risk	
Hazard(s) addressed	Lack of warning to residents about possible or current situations
Describing the Action	
Background/issue addressed	Past events occurred without citizen warnings
Action description	Looking into social media platforms.
Action category	Investigative stage for solutions
Existing or future action	Implement warning system
Evaluating the Action	
Losses avoided (i.e., benefits)	Dependent on situation/hazard
Cost estimate	Unknown
Cost effectiveness (i.e., benefit/cost)	Minor cost vs potential savings in loss of property values
Priority	Intermediate
Implementing the Action	
Responsible party	Porter Twp Supervisors
Potential partners	?
Potential funding sources	?
Timeline	1 yr.

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	ROCKHILL BOROUGH
Name and Title:	SANDRA SNYDER-SHOOP (Rockhill Boro Council President)

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	BLACK LOG CREEK - JORDAN RUN
Assessing the Risk	
Hazard(s) addressed	FLOOD, FLASH FLOOD, ICE JAM
Describing the Action	
Background/issue addressed	DEBRIS IN FLOOD AREA - REMOVED -
Action description	DEP HAS LOOKED AT OUR LEVEE AND MADE RECOMMENDATIONS -
Action category	CLOSE ALL LEVEE OPENINGS AND GROUND HOG HOLES - WE KEEP AREA FREE OF DEBRIS -
Existing or future action	SAME AS ABOVE - ALONG WITH RIPWRAP STONE ON AREAS OF EROSION -
Evaluating the Action	
Losses avoided (i.e., benefits)	PREVENTED EROSION - UNKNOWN OTHER BENEFITS
Cost estimate	\$50,000. ⁰⁰ / ₀₀
Cost effectiveness (i.e., benefit/cost)	
Priority	#1 PRIORITY FOR OUR BOROUGH
Implementing the Action	
Responsible party	ROCKHILL BOROUGH - SUB CONTRACT TO TODD MCCARTNEY
Potential partners	(NONE)
Potential funding sources	?
Timeline	

New Mitigation Action Form

Municipality/Organization:	Shade Gap Borough
Name and Title:	Jessica Ketter - Sec/Treas

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Speed humps
Assessing the Risk	
Hazard(s) addressed	Transportation Accidents
Describing the Action	
Background/issue addressed	speeding
Action description	to place speed humps to stop speeders.
Action category	
Existing or future action	future
Evaluating the Action	
Losses avoided (i.e., benefits)	
Cost estimate	3,000 - 4,000 maybe more. need to get pricing
Cost effectiveness (i.e., benefit/cost)	
Priority	med-high
Implementing the Action	
Responsible party	borough
Potential partners	none
Potential funding sources	grants or out of pocket.
Timeline	next year

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Shirley Township
Name and Title:	David McGarvey, EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Update EOP/shelter
Assessing the Risk	
Hazard(s) addressed	flooding, weather event, tornado/wind storms
Describing the Action	
Background/issue addressed	Update EOP/shelters in place
Action description	Confirming availability
Action category	Local EOP and infrastructure
Existing or future action	Seeking funding resources
Evaluating the Action	
Losses avoided (i.e., benefits)	No human loss
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	N/A
Priority	Medium
Implementing the Action	
Responsible party	Shirley Township Supervisors
Potential partners	Local EMC and County EMA
Potential funding sources	N/A
Timeline	Within next 5 years

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Shirleysburg Borough
Name and Title:	David McGarvey, EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Update EOP/shelter
Assessing the Risk	
Hazard(s) addressed	Natural disaster, weather event, tornado/wind storms
Describing the Action	
Background/issue addressed	Update EOP/shelters in place
Action description	Confirming availability
Action category	Local EOP and infrastructure
Existing or future action	Seeking funding resources
Evaluating the Action	
Losses avoided (i.e., benefits)	No human loss
Cost estimate	N/A
Cost effectiveness (i.e., benefit/cost)	N/A
Priority	Medium
Implementing the Action	
Responsible party	Shirleysburg Borough Council
Potential partners	Local EMC and County EMA
Potential funding sources	N/A
Timeline	Within next 5 years

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Smithfield township, Huntingdon County
Name and Title:	John Cirko Jr, Emergency Management coord.

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Crooked creek clean out #2
Assessing the Risk	
Hazard(s) addressed	Flooding of Crooked Creek and area
Describing the Action	
Background/issue addressed	Creek flooding affecting homes, businesses, and Roadway
Action description	Dredge and clean out debris and siltment from creek bed
Action category	Natural Systems Protection
Existing or future action	Currently same action is being done on Crooked Creek West, Future is to do same on Crooked Creek East
Evaluating the Action	
Losses avoided (i.e., benefits)	Will prevent extreme Flooding to homes and business located on Crooked Creek Road and those near the creek.
Cost estimate	\$ 270,000
Cost effectiveness (i.e., benefit/cost)	Preserve homes and businesses plus township Roadways
Priority	high
Implementing the Action	
Responsible party	Smithfield township
Potential partners	none at this time
Potential funding sources	municipal grants
Timeline	Dependent on receiving grants

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Spruce Creek Township
Name and Title:	BEN RAMSEY, CHAIRMAN Vice Lombardi EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Blight Remediation
Assessing the Risk	
Hazard(s) addressed	3 Houses Demolished using CDBG Grant monies. Lien against the Property for cost.
Describing the Action	
Background/issue addressed	
Action description	
Action category	
Existing or future action	CONTINUE Blight Remediation + ORDINANCE FOR VACANT PROPERTY
Evaluating the Action	
Losses avoided (i.e., benefits)	Health, WELFARE AND SAFETY OF RESIDENTS AND TRAVELERS.
Cost estimate	\$ 21,000
Cost effectiveness (i.e., benefit/cost)	USED CDBG GRANT - Cost to twp. Re ATTORNEY FEES, COURT COST, LEIN
Priority	
Implementing the Action	
Responsible party	SPRUCE CREEK TWP.
Potential partners	
Potential funding sources	
Timeline	Completed Feb. 2020

Please email completed forms to kelly.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Tell Township
Name and Title:	Terry Lee Kennedy Sr.

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Urban Fire
Assessing the Risk	
Hazard(s) addressed	Abandoned Structures
Describing the Action	
Background/issue addressed	Many abandoned and isolated structures throughout the Township
Action description	Work with fire departments to use for training
Action category	Education and awareness
Existing or future action	Buildings could be removed, and areas could be cleaned up
Evaluating the Action	
Losses avoided (i.e., benefits)	Arson and possible injuries from people being around dilapidated structures
Cost estimate	Minimal
Cost effectiveness (i.e., benefit/cost)	Improved safety and attractiveness to the community
Priority	Low
Implementing the Action	
Responsible party	Volunteer fire companies
Potential partners	Volunteer fire companies
Potential funding sources	Grants through fire companies
Timeline	4 – 5 years

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Three Springs Borough
Name and Title:	Karen Flasher EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Up grade Storm Drains
Assessing the Risk	
Hazard(s) addressed	Creating sink holes and flooding
Describing the Action	
Background/issue addressed	Storm water came to surface at the broken rushed storm pipe and flooded private property basement
Action description	
Action category	
Existing or future action	Need to replace old drain pipe
Evaluating the Action	
Losses avoided (i.e., benefits)	
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	Not determined
Priority	To fix the storm drain pipe to prevent flooding personal structures
Implementing the Action	
Responsible party	Borough
Potential partners	

Please email completed forms to kelly.tessier@mbakerintl.com

Potential funding sources	
Timeline	To be determined

Please email completed forms to kelly.tessier@mbakerintl.com

New Mitigation Action Form

Municipality/Organization:	Three Springs Borough
Name and Title:	Karen flasher EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Emergency Shelter
Assessing the Risk	
Hazard(s) addressed	During Power outage to protect people from the cold or heat , flooding
Describing the Action	
Background/issue addressed	When utility poles are downed by winter storms or electrical outages in heat ,or flooding
Action description	
Action category	
Existing or future action	
Evaluating the Action	
Losses avoided (i.e., benefits)	
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	
Priority	
Implementing the Action	
Responsible party	Borough
Potential partners	

Please email completed forms to kelly.tessier@mbakerintl.com

Potential funding sources	
Timeline	

Please email completed forms to kelly.tessier@mbakerintl.com

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Todd Township, Huntingdon County Pa
Name and Title:	Matthew Barnett / Supervisor

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Mill Hall Rd (T369)
Assessing the Risk	
Hazard(s) addressed	Flooding/ Icing / sliding off road
Describing the Action	
Background/issue addressed	Mill Ha Road has a low area of the road along side Trough Creek. The distance of the road that is impacted by weather is 400 feet. The side of the Creek that the road is on has been stabilized with Riffraff in the past. Flooding occurs during heavy rain and icing occurs during the winter months. Icing can occur on the road which increases the risk of car sliding off the road into the Creek. There is no guide rail along T368 and this road is traveled by school buses and CART. The worst section of road is a 50ft section located with the creek on one side and steep rock bank on the other side which allows for mini day light.
Action description	Have Township engineer create a list of suggestions to improve the roadway
Action category	Time period for implementation
Existing or future action	Closing road during hazardous conditions
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoided motorist accidents
Cost estimate	unknown
Cost effectiveness (i.e., benefit/cost)	Preserve roadway, damages to any motorist, any possible of death or injury
Priority	High
Implementing the Action	
Responsible party	Todd Township
Potential partners	Unknown

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Potential funding sources	Unknow
Timeline	5 years from 2020

UNION TOWNSHIP CHAIRMAN SUPERVISOR Robert Freeman

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Action Title	HARMONY CHURCH / LORRY ROADS
Hazard(s) addressed	FLOOD PROBLEMS
Background/issue addressed	DURING HEAVY RAINS, ROADS FLOOD OUT, NOT SAFE TO DRIVE ON, AND ALSO CAUSING PROBLEM ON EROSION OF BRIDGE PIERS.
Action description	HAVE TALKED TO ENGINEER FOR THEIR INPUT TO CORRECT PROBLEM. SUPERVISOR GOT TOGETHER ON HOW TO CORRECT FLOODING.
Action category	REINFORCE BRIDGE PIERS AND INSTALL TIES UNDER ROADS TO REDIRECT FLOOD WATER OFF ROADS (FUTURE)
Existing or future action	WORK WITH LAND OWNERS TO CORRECT RUNOFFS. (FUTURE)
Losses avoided (i.e., benefits)	AVOID WASHOUT OF ROAD STRUCTURES.
Cost estimate	WORKING ON PROBLEM TO ESTABLISH COST TO PERFORM WORK.
Cost effectiveness (i.e., benefit/cost)	PRESERVE ROAD STRUCTURES WORTH \$125,000 AND BRIDGES (COST OF BRIDGES \$500,000)
Priority	INTERMEDIATE
Responsible party	UNION TOWNSHIP.
Potential partners	AS OF NOW - GO ALONE.
Potential funding sources	GENERAL FUND, ANY GRANT MONEY
Timeline	DEPENDS ON FLOODING - THIS IS A ONE YEAR OR 2 YR OCCURENCE

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Walker Township
Name and Title:	Bill Leidy, Emergency Mgt. Coordinator

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Cree Manor Stormwater
Assessing the Risk	
Hazard(s) addressed	Flooding, pooling water
Describing the Action	
Background/issue addressed	Water from above Rt. 26 flows through the Cree Manor development and is supposed to flow under Station Rd. and on to Crooked Creek. The drain under Station Rd. is too high to take the water that is laying in the ditch.
Action description	This has not been happening because of the slope of the drainage areas and drains being blocked
Action category	
Existing or future action	We are working to clear the inlet pipes and drains to the lower drainage area, and have been petitioning the State to lower the drain under Station Rd. so that the water fill stop pooling at the bottom of Cree Manor and go on towards the creek
Evaluating the Action	
Losses avoided (i.e., benefits)	Water backing up into residential housing
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	
Priority	Medium – medium high
Implementing the Action	
Responsible party	Commonwealth of PA & Walker Township
Potential partners	n/a
Potential funding sources	??
Timeline	Within the next year – two years

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Warriors Mark Township
Name and Title:	Mark Haefner, PE - Township Engineer

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	State Route 350 & 550
Assessing the Risk	
Hazard(s) addressed	Transportation Accidents/Environmental Hazards
Describing the Action	
Background/issue addressed	Agricultural and commercial vehicle accidents and the spill of materials carried by those vehicles
Action description	Enhance highway safety efforts in conjunction with PennDOT to upgrade signage and continue efforts to equip first responders with materials and equipment to handle these emergencies
Action category	Structural/
Existing or future action	Existing - Coordinate with PennDOT regarding potential safety improvements. Discuss material and equipment needs with area first responders. Future - Install safety improvements, provide first responders with needed equipment and materials.
Evaluating the Action	
Losses avoided (i.e., benefits)	Avoid loss of life and environmental contamination
Cost estimate	Unknown at this time
Cost effectiveness (i.e., benefit/cost)	Unknown at this time
Priority	Medium
Implementing the Action	
Responsible party	Warriors Mark Township
Potential partners	PennDOT
Potential funding sources	Warriors Mark Township, PennDOT, grant funding
Timeline	Ongoing

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	West Township
Name and Title:	Danielle Taylor, secretary

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Improve road base, road surface, and ditching along township roads
Assessing the Risk	
Hazard(s) addressed	Flooding
Describing the Action	
Background/issue addressed	The maintenance and repair of the township roads has not been regularly maintained.
Action description	The township will continue to work with the Dirt and Gravel Road program to improve roads with runoff to local streams. With the money saved by utilizing the grant program, the township will continue to work on other roads that are not eligible for the program to improve the base, surface, and ditching.
Action category	Road Structure Improvements
Existing or future action	Existing: complete road reviews on an annual basis to see which areas are in need of repair and make a ranking system based on the needs. Future: Continue to work with Conservation Office and Dirt and Gravel Road program while also attending trainings to better learn how to care for roads.
Evaluating the Action	
Losses avoided (i.e., benefits)	Material loss, road washout, flooding from water not having a place to escape
Cost estimate	\$150,000
Cost effectiveness (i.e., benefit/cost)	In the long run, more money will be saved than the cost because the road base and surface will be better maintained.
Priority	High
Implementing the Action	
Responsible party	West Township Supervisors
Potential partners	Huntingdon County Conservation District
Potential funding sources	Dirt and Gravel Road Program

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Timeline	Ongoing
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New Mitigation Action Form

Municipality/Organization:	Wood Township
Name and Title:	Roy McCabe, EMC

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniiahmp.com/huntingdon_county_hmp

Action Title	Hazardous Materials Release Awareness
Assessing the Risk	
Hazard(s) addressed	Hazardous Materials Release
Describing the Action	
Background/issue addressed	Strip mining in strip area with human waste is just a few miles from the Township's main water source. The Township is concerned that it will impact the quality of the drinking water, although DEP has stated that the mining activity is in accordance with all regulations. The contractor handling the waste has stated that they will resume activities until colder weather hits in order to reduce smell. Local residents are complaining regarding this activity. Trough Creek also runs near the mining site, which is an added concern.
Action description	Conduct public outreach to educate residents on preparedness for potential hazardous materials releases from the neighboring strip mine.
Action category	Education and Awareness Programs
Existing or future action	
Evaluating the Action	
Losses avoided (i.e., benefits)	Potential health impacts due to contaminated drinking water.
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	
Priority	High
Implementing the Action	
Responsible party	Wood Township
Potential partners	Private Landowner, Contractor, PADEP, Huntingdon County EMA

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Potential funding sources	Township Annual Budget
Timeline	1 – 3 years

Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

New Mitigation Action Form

Municipality/Organization:	Huntingdon County Emergency Management Agency
Name and Title:	Joe Thompson, Director

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Pandemic Preparedness
Assessing the Risk	
Hazard(s) addressed	Pandemic/Infectious Disease
Describing the Action	
Background/issue addressed	Covid-19 effects on community health, business continuity and economic impact.
Action description	Planning and policy; county PPE stockpile resupply, distribution plan and broadband capabilities
Action category	Planning and Policy – Strategies for health/medical needs and community wide impact
Existing or future action	After Action Review (AAR) and Improvement Plan (IP) for COVID-19 Pandemic event
Evaluating the Action	
Losses avoided (i.e., benefits)	Loss of lives, economic impact, loss amount not yet quantified and to be determined
Cost estimate	Approximately \$10,000.00
Cost effectiveness (i.e., benefit/cost)	Investment will bare exponentially more than initial investment
Priority	High (in preparation for a reoccurrence or a new coronavirus or other pandemic event)
Implementing the Action	
Responsible party	Huntingdon County EMA
Potential partners	PEMA, DOH, DCED, Regional Taskforce, Southern Alleghenies Planning Development Commission, Penn Highlands Huntingdon Hospital
Potential funding sources	CDBG (CARES Act)
Timeline	With in one year (June 2021)

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Organization:	Huntingdon County, Cassville Borough, Cass Township, Franklin Township, Mill Creek Borough, Saltillo Borough
Name and Title:	Joe Thompson, Huntingdon County EMA; James Lettiere, Huntingdon County Planning and Development Department

Please complete this worksheet for each new mitigation action. See *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards* for sample mitigation actions to reduce risk from hazards. This resource is located in the resource section of the project website: https://www.pennsylvaniahmp.com/huntingdon_county_hmp

Action Title	Spotted Lantern Fly Community Awareness
Assessing the Risk	
Hazard(s) addressed	Invasive Species
Describing the Action	
Background/issue addressed	The spotted lanternfly can be extremely damaging to plants and has the potential to negatively impact the county's agricultural sector. Huntingdon County is currently under quarantine for the spotted lanternfly and Huntingdon Borough is considered to be an infested area.
Action description	Collect and analyze data on specific impacts the invasive spotted lantern fly has on Huntingdon County and its municipalities to include in the 5-year update of the Multi-Jurisdictional Hazard Mitigation Plan.
Action category	Education and Awareness Programs
Existing or future action	Implement an educational awareness program for the spotted lanternfly within the county.
Evaluating the Action	
Losses avoided (i.e., benefits)	Crop damage, agricultural losses
Cost estimate	
Cost effectiveness (i.e., benefit/cost)	
Priority	Medium
Implementing the Action	
Responsible party	Huntingdon County, Cassville Borough, Cass Township, Franklin Township, Mill Creek Borough, Saltillo Borough
Potential partners	Pennsylvania Department of Agriculture
Potential funding sources	Huntingdon County EMA, Huntingdon County Planning and Development Department, PA Department of Agriculture
Timeline	5 years

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Huntingdon County 2020 Multi-Jurisdictional Hazard Mitigation Plan Update

Integration opportunities (if any)	
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