

**2016 Hazard Mitigation  
Plan Annual Meeting  
April 12, 2016  
1:00pm**

**Agenda**

- 1. Call to order and introductions**
- 2. Business**
  - a. Review of meeting purpose**
  - b. Discussion of projects and activity**
  - c. Mitigation goals from the Cumberland County Hazard Mitigation Plan**
- 3. Adjournment**

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
4/12/2016**

<b>1</b>	Participate in the development and continued update of Emergency Action Plans.	<ul style="list-style-type: none"> <li>• The Municipal plan is updated every 2 years. The Department of Public Safety monitors municipalities that are out of compliance.</li> <li>• County plan updated in 2015.</li> </ul>
<b>2</b>	Form a drought emergency working group to resolve water conservation enforcement issues.	The Planning Department participated in SRBC stakeholder meetings focused on water quantity and quality in the region. No action on forming working group.
<b>3</b>	Issue countywide "advisory" burn bans.	None issued. The Department of Public Safety issued red flag warnings during dry periods.
<b>4</b>	Update and provide more detail to the countywide downstream users inventory.	We continue receiving notices from end users and summary information is kept on file with the Department of Public Safety.
<b>5</b>	Explore ways for the MS4 communities in Cumberland County to consolidate efforts to meet MS4 requirements.	The Planning Department continues to coordinate efforts of the MS4 communities in the county to achieve efficient permit compliance. 2 meetings were conducted last year with the existing MS4 communities and supported the formation of a central coordinating council of new MS4 communities.
<b>6</b>	Encourage municipalities to incorporate well-head protection provisions into municipal subdivision and land development ordinances.	No municipalities incorporated provisions.
<b>7</b>	Acquire more detailed structure information.	No action taken.
<b>8</b>	Develop Flood Intensity Indicators document.	No action taken. Deferred due to workload and funding issues.
<b>9</b>	Expand the role of the County's Local Emergency Planning Committee from hazardous materials planning role to an all-hazards planning role.	All hazards information currently discussed during LEPC meetings as appropriate and relevant.
<b>10</b>	Continue participation in the Interagency Working Group.	The Department of Public Safety continued participation with IWG and met twice in 2015.
<b>11</b>	Develop flood mitigation project proposals which are eligible for state and federal mitigation grant funding programs.	The Planning Department distributed materials to municipal partners regarding available funding for projects listed in the HMP. Municipalities chose not to pursue funding at this time.

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
4/12/2016**

<b>12</b>	Perform public outreach activities that promote reduction in the number of Repetitive Loss structures.	The Planning Department distributed list of RLP and SRLP to municipalities along with associated funding opportunities. Lower Allen Township requested information on RLP.
<b>13</b>	Identify properties in the community at high risk of flooding for purposes of property protection.	No action taken.
<b>14</b>	Participate in the NOAA National Weather Service Ice Observer Program.	No action taken.
<b>15</b>	Update Annex E regularly and coordinate with state and federal counterparts on radiological emergency response.	<ul style="list-style-type: none"> <li>• Federally evaluated TMI exercise in 2015 with no deficiencies noted.</li> <li>• March 28, 2016 – Emergency Action Level binders distributed to risk municipalities.</li> </ul>
<b>16</b>	Provide assistance as requested in the development of Annex A.	No activity from the state on Annex A to date.
<b>17</b>	Identify point of dispensing sites.	Three sites identified and communicated with Department of Health and coordinated with the various regions of the county.
<b>18</b>	Implement full disclosure of sinkhole hazards.	The Planning Department reviewed 150 subdivision and land development plans in 2015. The Planning Department staff offered sinkhole related comments as appropriate.
<b>19</b>	Begin inventorying future “significant” sinkhole events.	None noted.
<b>20</b>	Participate in the South-Central Task Force.	The Department of Public Safety continues participating in the Task Force through multiple meetings per month.
<b>21</b>	Coordinate with state and federal agencies on potential mitigation actions for terrorist activities.	<ul style="list-style-type: none"> <li>• The Department of Public Safety coordinated with PA Criminal Intelligence Center</li> <li>• The Department of Public Safety coordinated locally with the Carlisle Barracks intelligence officer.</li> </ul>
<b>22</b>	Expand participation in the StormReady Program.	<ul style="list-style-type: none"> <li>• Renewed county participation in 2015.</li> <li>• Carlisle Barracks and Dickinson College enrolled in program in 2015.</li> </ul>

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
4/12/2016**

<b>23</b>	Develop a countywide Traffic Management Plan.	<ul style="list-style-type: none"> <li>• County GIS has applied unique intersection numbers to all intersections in the County to assist and coordinate traffic management efforts.</li> <li>• Countywide Traffic Management SOPs have been developed.</li> <li>• Regional 8-county traffic incident management guidelines have been developed with PennDOT and the PA Turnpike.</li> </ul>
<b>24</b>	Develop a countywide Railway Management Plan.	No action taken.
<b>25</b>	Identify tax-exempt properties and update missing structural information.	No action taken.
<b>26</b>	Assist with coordination between County residents and utility companies on critical outage events.	<ul style="list-style-type: none"> <li>• The Department of Public Safety provides outage reporting portals and has identified critical facilities to be on the priority restoration list.</li> <li>• Provided social media outreach during outage events.</li> </ul>
<b>27</b>	Expand participation in the Firewise Program.	No action taken.
<b>28</b>	Participate in winter storm exercises.	The Department of Public Safety conducted 2 winter storm exercises in 2015, a locally conducted exercise and a statewide exercise.
<b>29</b>	Coordinate with the Pennsylvania Department of Transportation on winter storm response.	The Department of Public Safety coordinated with the County Manager during winter partnership meetings.
<b>30</b>	Review and update existing ordinances and other regulatory or planning mechanisms with respect to findings included in the 2014 HMP.	<ul style="list-style-type: none"> <li>• The Planning Department Integrated floodplain management provisions into Mt. Holly Springs Borough and proposed Upper Mifflin Township ordinance.</li> <li>• The Planning Department is Partnering with FEMA on the RISKMap project and distributing information to municipal partners.</li> </ul>
<b>31</b>	Update Geographic Information Systems data for all critical or vulnerable facilities and distribute maps of facility locations.	<ul style="list-style-type: none"> <li>• All public safety layers are currently mapped (including hydrants, hospital, healthcare, schools, mass care centers, etc).</li> <li>• In 2015 the Cumberland County GIS Department updated layers based upon data in the Notification and Resource Manual (NORM).</li> </ul>

**2017 Hazard Mitigation Plan  
Annual Meeting  
August 10, 2017  
2:00pm**

**Agenda**

- 1. Call to order and introductions**
- 2. Business**
  - a. Review of meeting purpose**
  - b. Discussion of projects and activity**
  - c. Mitigation goals from the Cumberland County Hazard Mitigation Plan**
- 3. Adjournment**

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
8/10/2017**

<b>1</b>	Participate in the development and continued update of Emergency Action Plans.	<ul style="list-style-type: none"> <li>• The Municipal plan is updated every 2 years. The Department of Public Safety monitors municipalities that are out of compliance.</li> <li>• County plan will be updated in 2017.</li> </ul>
<b>2</b>	Form a drought emergency working group to resolve water conservation enforcement issues.	In lieu of forming a separate, duplicative group, the Planning Department participated in SRBC stakeholder meetings focused on water quantity and quality in the region.
<b>3</b>	Issue countywide "advisory" burn bans.	None issued. The Department of Public Safety issued red flag warnings during dry periods.
<b>4</b>	Update and provide more detail to the countywide downstream users inventory.	We continue receiving notices from end users and summary information is kept on file with the Department of Public Safety.
<b>5</b>	Explore ways for the MS4 communities in Cumberland County to consolidate efforts to meet MS4 requirements.	The Planning Department continues to coordinate efforts of the MS4 communities in the county to achieve efficient permit compliance. 2 meetings were conducted last year that involved the existing MS4 communities and communities that will be entering the program in 2017.
<b>6</b>	Encourage municipalities to incorporate well-head protection provisions into municipal subdivision and land development ordinances.	South Middleton Township updated its wellhead protection district in response to a proposed gas station. The County Planning Department recommended approval of the amendment.
<b>7</b>	Acquire more detailed structure information.	In 2017, Cumberland County GIS is developing maps to indicate structures that will be impacted during various flood stages.
<b>8</b>	Develop Flood Intensity Indicators document.	In 2017, Cumberland County GIS is developing maps to indicate structures that will be impacted during various flood stages. The Department of Public Safety in Carlisle will have a National Weather Service certified weather station in 2017-2018 that will help to predict flood intensity.
<b>9</b>	Expand the role of the County's Local Emergency Planning Committee from hazardous materials planning role to an all-hazards planning role.	All hazards information currently discussed during LEPC meetings as appropriate and relevant.
<b>10</b>	Continue participation in the Interagency Working Group.	The Department of Public Safety continued participation with IWG and met 4 times in 2016.
<b>11</b>	Develop flood mitigation project proposals which are eligible for state and federal mitigation grant funding programs.	The Planning Department distributed materials to municipal partners regarding available funding for projects listed in the HMP. Municipalities chose not to pursue funding at this time.

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
8/10/2017**

<b>12</b>	Perform public outreach activities that promote reduction in the number of Repetitive Loss structures.	The Planning Department distributed a list of RLP and SRLP to municipalities for review and potential buyout consideration.
<b>13</b>	Identify properties in the community at high risk of flooding for purposes of property protection.	No action taken.
<b>14</b>	Participate in the NOAA National Weather Service Ice Observer Program.	No action taken.
<b>15</b>	Update Annex E regularly and coordinate with state and federal counterparts on radiological emergency response.	<ul style="list-style-type: none"> <li>• Federally evaluated TMI exercise in 2017 with no deficiencies noted.</li> <li>• March 2017 – Emergency Action Level binders distributed to risk municipalities.</li> </ul>
<b>16</b>	Provide assistance as requested in the development of Annex A.	No activity from the state on Annex A to date.
<b>17</b>	Identify point of dispensing sites.	Three sites identified and communicated with Department of Health and coordinated with the various regions of the county.
<b>18</b>	Implement full disclosure of sinkhole hazards.	The Planning Department reviewed 180 subdivision and land development plans in 2016. The Planning Department staff offered sinkhole related comments as appropriate.
<b>19</b>	Begin inventorying future “significant” sinkhole events.	None noted.
<b>20</b>	Participate in the South-Central Task Force.	The Department of Public Safety continues participating in the Task Force through multiple meetings per month.
<b>21</b>	Coordinate with state and federal agencies on potential mitigation actions for terrorist activities.	<ul style="list-style-type: none"> <li>• The Department of Public Safety coordinated with PA Criminal Intelligence Center</li> <li>• The Department of Public Safety coordinated locally with the Carlisle Barracks intelligence officer.</li> </ul>
<b>22</b>	Expand participation in the StormReady Program.	<ul style="list-style-type: none"> <li>• Renewed county participation in 2015.</li> <li>• Carlisle Barracks and Dickinson College are certified in the StormReady Program.</li> </ul>

**MITIGATION ACTION PLAN  
ANNUAL UPDATE  
8/10/2017**

<b>23</b>	Develop a countywide Traffic Management Plan.	<ul style="list-style-type: none"> <li>• County GIS has applied unique intersection numbers to all intersections in the County to assist and coordinate traffic management efforts.</li> <li>• Countywide Traffic Management SOPs have been developed.</li> <li>• Regional 8-county traffic incident management guidelines have been developed with PennDOT and the PA Turnpike.</li> </ul>
<b>24</b>	Develop a countywide Railway Management Plan.	DPS offered training to first responders for crude oil unit trains from 2015-present.
<b>25</b>	Identify tax-exempt properties and update missing structural information.	No action taken.
<b>26</b>	Assist with coordination between County residents and utility companies on critical outage events.	<ul style="list-style-type: none"> <li>• The Department of Public Safety provides outage reporting portals and has identified critical facilities to be on the priority restoration list.</li> <li>• Provided social media outreach during outage events.</li> </ul>
<b>27</b>	Expand participation in the Firewise Program.	No action taken.
<b>28</b>	Participate in winter storm exercises.	The Department of Public Safety conducted 2 winter storm exercises in 2016. Both exercises were statewide.
<b>29</b>	Coordinate with the Pennsylvania Department of Transportation on winter storm response.	The Department of Public Safety coordinated with the County Manager during winter partnership meetings.
<b>30</b>	Review and update existing ordinances and other regulatory or planning mechanisms with respect to findings included in the 2014 HMP.	<ul style="list-style-type: none"> <li>• The Planning Department Integrated floodplain management provisions into Mt. Holly Springs Borough ordinance.</li> <li>• The Planning Department is Partnering with FEMA on the RISKMap project and distributing information to municipal partners.</li> </ul>
<b>31</b>	Update Geographic Information Systems data for all critical or vulnerable facilities and distribute maps of facility locations.	<ul style="list-style-type: none"> <li>• All public safety layers are currently mapped (including hydrants, hospital, healthcare, schools, mass care centers, etc).</li> <li>• In 2016 the Cumberland County GIS Department updated layers based upon data in the Notification and Resource Manual (NARM).</li> </ul>



Action and Goal Progress Worksheet		
<b>Report period</b>	From: August 2014	To: January 2020
<b>Responsible agency</b>	<b>Cumberland County</b>	
<b>Contact information</b>	Name: Steve Hoffman	Phone: 717-240-6537
	Email: shoffman@ccpa.net	

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
1. Participate in the development and continued update of <i>Emergency Action Plans</i> .	Cumberland County and local municipalities downstream of high-hazard dams, including South Middleton Township, North Middleton Township, Cook township, Lower Frankford Township, Dickinson Township, Mount Holly Springs Borough, West Pennsboro Township, and Monroe Township				X	The Municipal Emergency Action Plan is updated every 2 years. The Department of Public Safety monitors municipalities that are out of compliance.		
2. Form a drought emergency working group to resolve water conservation enforcement issues.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough			X		The Cumberland County Planning Department participated in stakeholder meetings with the Susquehanna River Basin Commission which are focused on water quantity and quality in the region.		Action was deferred given the frequency of drought emergencies. All water purveyors (e.g., PA American Water) have drought emergency plans on file with the Department of Public Safety.
3. Issue countywide "advisory" burn bans.	Cumberland County				X	Burn bans will be issued on an as-needed basis, but the county is now encouraging each municipality to issue burn ban advisories at their discretion in consultation with their District Forester. The Cumberland County Department of Public Safety issued red flag warnings during dry periods.		
4. Update and provide more detail to the countywide <i>downstream users</i> inventory.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring				X			Prior to 9/11, the Pennsylvania Department of Environmental Protection disseminated a downstream water users list. Thereafter, due to homeland security concerns (i.e., critical infrastructure protection) DEP has stopped disseminating this information to the County.

Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
	Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough							
5. Explore ways for the MS4 communities in Cumberland County to consolidate efforts to meet MS4 requirements	Cumberland County, Camp Hill Borough, Carlisle Borough, East Pennsboro Township, Hampden Township, Lemoyne Borough, Lower Allen Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, New Cumberland Borough, North Middleton Township, Shiremanstown Borough, Silver Spring Township, South Middleton Township, Upper Allen Township, and Wormleysburg Borough				X	The Cumberland County Planning Department participates in efforts of the MS4 communities to achieve permit compliance.		
6. Encourage municipalities to incorporate water improvement standards (i.e., well-head protection) provisions into municipal ordinances	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	The Cumberland County Comprehensive Plan was updated in 2017. The plan recommends water quality and quantity implementation. Upper Allen Township adopted a new Zoning Ordinance that includes a Floodplain Zone. In addition, Upper Allen Adopted a new Subdivision and Land Development Ordinance that includes erosion and sedimentation control and stormwater control. The Borough of Mount Holly Springs adopted new zoning and subdivision and land development ordinances. The ordinances require wetland protection, floodplain requirements, erosion and sedimentation control.		
7. Acquire more detailed structure information.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Recommend that municipalities include first floor elevation data in their ordinances and land development applications. FEMA Preliminary Maps were released in May 2019. Flood elevations are now county-wide.		
8. Develop <i>Flood Intensity Indicators</i> document.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North				X	The Cumberland County GIS Department performed GPS mapping of the high water marks for Tropical Storms Irene and Lee. GIS estimated buildings affected by high water and produced maps for damage assessment. Data is stored for historical record of the high water event.		

Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
	Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough							
9. Expand the role of the County's Local Emergency Planning Committee from hazardous materials planning role to an all-hazards planning role.	Cumberland County				X	All hazard information is currently discussed at the Local Emergency Planning Committee Meetings as appropriate and relevant.		
10. Continue participation in the interagency working group	Cumberland County				X	The Department of Public Safety continued participation in the Interagency Working Group.		
11. Develop flood mitigation project proposals which are eligible for state and federal mitigation grant funding programs.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	East Pennsboro Township small stream flooding along Holtz Run, Pine Hill Road. Newville Borough Springfield Avenue storm sewer replacement, Corporation Street culvert replacement, West Street pipe replacement and Cherry Street culvert replacement. Dickinson Township, South Middleton Township and Mount Holly Springs Borough Mountain Creek Stream Assessment. Upper Mifflin Township Bridgewater Road improvements and Gameland Road improvements. North Newton Township Springfield Road Improvements. North Middleton Township Cranes Gap and Wertz Run Road culvert replacement. North Middleton Township Hoy and North Middleton road culvert replacement. North Middleton Township Old Gap Road culvert replacement.		
12. Perform public outreach activities that promote reduction in the number of repetitive loss	Cumberland County and local municipalities including New Cumberland Borough, East Pennsboro Township, Camp Hill Borough				X	Cumberland County Planning Department notifies municipalities of funding opportunities for repetitive loss properties following disaster declarations.		

Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
structures.								
13. Identify properties in the community at high risk of flooding for purposes of property protection.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Cumberland County Planning Department disseminates a list of Repetitive Loss Properties to the respective municipalities.		
14. Participate in the NOAA National Weather Service Ice Observer Program.	East Pennsboro Township, Lemoyne Borough, New Cumberland Borough, Wormleysburg Borough				X	Cumberland County Department of Public Safety and local emergency management coordinators and fire chiefs of affected municipalities participate in the NOAA program as necessary.		
15. Update <i>Annex E</i> regularly and coordinate with state and federal counterparts on radiological emergency response.	Cumberland County				X	Annex E is updated annually by the Cumberland County Department of Public Safety. Federally evaluated TMI Exercise in 2017 with no deficiencies noted. March 2017-Emergency Action Level binders distributed to risk municipalities.		
16. Provide assistance as requested in the development of <i>Annex A</i> .	Cumberland County				X	Cumberland County Department of Public Safety is waiting for PEMA to publish Annex A to address all radiological hazards. Once published, DPS will incorporate the County's existing Annex E into the new Annex A.		
17. Identify <i>point of dispensing</i> sites.	Cumberland County				X	Point of dispensing sites (PODS) has been completed and work continues with the PA Department of Health to add or delete sites as deemed necessary.		
18. Implement full disclosure of sinkhole hazards.	Cumberland County				X	Many municipalities require the identification of karst geology during the subdivision and land development process. Such requirements are included provisions in municipal subdivision and land development ordinances		

Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
19. Begin inventorying future "significant" sinkhole events	Cumberland County			X				No formal process exists at the municipal, county or state level to inventory, report and track sinkhole occurrences. Until such a process is developed, this action will be deferred.
20. Participate in the South-Central Task Force.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Several staff from the Cumberland County Department of Public Safety actively serves on the Task Force board and participates in the Task Force's exercises and training events.		
21. Coordinate with state and federal agencies on potential mitigation actions for terrorist activities.	Cumberland County				X	The South Central Task Force coordinates with state and federal agencies on potential mitigation actions for terrorist activities. The Task Force also includes various municipal representatives including police chief, fire chiefs, EMS, County Sheriff, hospitals, Cumberland-Perry Mental Health Intellectual Developmental Disabilities and Early Intervention, Etc.		
22. Expand participation in the StormReady Program.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Six municipalities are preparing to begin participation in the StormReady program: Newville Borough, North Newton Township, Upper Mifflin Township, Lower Mifflin Township, Newburg Borough, and Lower Frankford Township.	Challenge to educate and fulfill the local government requirements in the StormReady program.	
23. Develop a countywide Traffic Management Plan.	Cumberland County				X	Cumberland County GIS has applied unique intersection numbers to all intersections in the county to assist and coordinate traffic management efforts. Countywide Traffic Management SOPs have been developed. Regional 8-county traffic incident management guidelines have been developed with PennDOT and the PA Turnpike.		



Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
24. Develop a countywide Railway Management Plan.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough			X				Deferred based on other priority actions. The Cumberland County Department of Public Safety and local fire and police coordinate with Norfolk Southern on grade crossings.
25. Identify tax-exempt properties and update missing structural information.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	The Cumberland County Tax Assessment Office has updated the exempt property inventory via the county's reassessment to include structural information.		
26. Assist with coordination between County residents and utility companies on critical outage events.	Cumberland County				X	Social media is increasingly being utilized by the Cumberland County Department of Public Safety and Communications to communicate power outages to residents base on known intelligence and instructions on contacting their respective power utility company.		
27. Expand participation in the Firewise Program.	Cumberland County and local municipalities considered at high risk from wildfire hazards including Southampton Township, South Newton Township, Cooke Township, Dickinson Township, South Middleton Township, Monroe Township, Penn Township, Upper Mifflin Township, and Dickinson Township.				X	White Rock Acres subdivision in Monroe Township is still included in the FireWise program. No other communities are targeted for inclusion within the next reporting period, but the County Department of Public Safety will continue to evaluate the need based on development trends, patterns and the identified urban/wildland interface.		
28. Participate in winter storm exercises.	Cumberland County				X	The Cumberland County Department of Public Safety routinely participates in FEMA's virtual tabletop exercise program at the Emergency Management Institute in Emmitsburg, MD. This includes winter storm exercises. In addition, DPS and municipal staff participate in PEMA-sponsored training and exercises that		

Cumberland County 2020 Hazard Mitigation Plan Update

Action Title	Community	STATUS				NOTES		
		Completed	Canceled	Deferred	Ongoing	1. What was accomplished for this action during this reporting period?	2. What obstacles, problems, or delays were encountered?	3. If not completed, is the action still relevant? Should the action and/or the anticipated completion date be revised?
						include winter storms.		
29. Coordinate with the Pennsylvania Department of Transportation on winter storm response.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Cumberland County Department of Public Safety's EOC staff includes a PennDOT liaison to achieve this coordination.		
30. Review and update existing ordinances and other regulatory or planning mechanisms with respect to findings included in the 2014 HMP.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough				X	Cumberland County Planning Department provides ongoing technical assistance to its municipalities that include HMP concepts and their integration into local ordinances. For example, the County recently assisted Mount Holly Springs Borough, Lower Mifflin Township, and Lower Frankford Township with developing new or amended zoning ordinances. The Cumberland County Planning Department is partnering with FEMA on the RISKMap project and distributing information to municipal partners and residents.		
31. Update Geographic Information Systems data for all critical or vulnerable facilities and distribute maps of facility locations.	Cumberland County, Camp Hill Borough, Carlisle Borough, Cooke Township, Dickinson Township, East Pennsboro Township, Hampden Township, Hopewell Township, Lemoyne Borough, Lower Allen Township, Lower Frankford Township, Lower Mifflin Township, Mechanicsburg Borough, Middlesex Township, Monroe Township, Mount Holly Springs Borough, New Cumberland Borough, Newburg Borough, Newville Borough, North Middleton Township, North Newton Township, Penn Township, Shippensburg Township, Shippensburg Borough, Shiremanstown Borough, Silver Spring Township, South Middleton Township, South Newton Township, Southampton Township, Upper Allen Township, Upper Frankford Township, Upper Mifflin Township, West Pennsboro Township, and Wormleysburg Borough					Cumberland Planning Department, in collaboration with the DPS and GIS Department, utilize the HMP update and annual maintenance process to spatially update its inventory of critical facilities and their vulnerabilities.		

Have you made any progress on actions not identified in 2010 plan?

**Do you have new actions that you want to tackle in next 5 years?**



Progress on Mitigation Goals

- **Goal 1: Reduce potential injury/death and damage to existing community assets due to the following hazards: dam failures, droughts, flooding, environmental hazards or hazardous material releases, nuclear incidents, pandemic incidents, power failures, subsidence and sinkholes, transportation accidents, terrorism, urban fires, wildfires, windstorms and tornadoes, and winter storms.**
  - The Emergency Action Plan is updated every 2 years. The Department of Public Safety monitors municipalities that are out of compliance.
  - All public water supplies have drought emergency plans on file.
  - The county encourages all municipalities to issue burn ban advisories at their discretion. In addition, the county has issued red flag warnings during dry periods.
  - The county planning department participates in MS4 meetings to help achieve permit compliance.
  - The county is working with FEMA to release new DFIRM information to municipalities and residents.
  - The county Local Emergency Planning Committee (LEMC) is currently discussing all hazards when appropriate and relevant.
  - Participation in the StormReady Program is encouraged by the county planning department.
  - Local fire / police departments and county public safety staff coordinate with Norfolk Southern to discuss grade crossings.
  - The Firewise program is encouraged by the county department of public safety. The public safety department will continue to evaluate the needs based on development trends.
  - The department of public safety participates in winter storm exercise and training programs offered by PEMA and FEMA.
  - The county analyzes critical facilities and hazard profiles to create maps of vulnerable facilities. During annual update meetings, the county updates this inventory and discusses action items.
  
- **Goal 2: Promote disaster-resistant future development.**
  - The county encourages municipalities to incorporate water improvement standards in the ordinance language.
  - All inquiries regarding the location of FEMA floodplains answered by the county planning department or the municipality. The county planning department also disseminates a list of RL and SRL properties to the municipalities.
  - Several municipalities have ordinance language that requires the identification of karst features to prevent sinkhole hazards.
  - The county planning department provides technical planning assistance to all municipalities. As part of this assistance, the county encourages concepts discussed and addressed in the Hazard Mitigation Plan.
  
- **Goal 3: Promote hazard mitigation as a public value in recognition of its importance to the health, safety and welfare of the population.**
  - The Cumberland County Planning Department meets annually with the Susquehanna River Basin Commission to discuss water quality and quantity issues.
  - All public water suppliers have drought emergency plans on file.
  - The county requested hazard mitigation project information during the HMP update process. The funding opportunities were presented to the municipal representatives.
  - The county notifies the municipalities about funding opportunities for RL and SRL properties following disaster declarations.
  - The South-Central Task Force works with federal and state agencies to deal with potential terrorist activities. The Task Force includes municipal representatives, emergency service personnel and county employees.
  - The county department of public safety is encouraging residents to use social media to educate themselves and to report power outages.
  
- **Goal 4: Improve response and recovery capabilities.**
  - The county GIS Department is assembling maps of high water activity to develop flood elevation predictions.
  - The county department of public safety and local emergency management coordinators participate in the NOAA Ice Observer Program as necessary.
  - Radiological emergency response is addressed annually by the county department of public safety.
  - The county department of public safety participates in the South-Central Task Force exercise and training events.
  - The county GIS department has applied intersection numbers to all intersections throughout the county.
  - The department of public safety has a PennDOT liaison to coordinate all winter storm responses.