LOCAL MITIGATION PLAN REVIEW CROSSWALK

INSTRUCTIONS FOR USING THE PLAN REVIEW CROSSWALK FOR REVIEW OF LOCAL MITIGATION PLANS

Attached is a Plan Review Crosswalk based on the ***Local Multi-Hazard Mitigation Planning Guidance***, published by FEMA in July, 2008. This Plan Review Crosswalk is consistent with the *Robert T. Stafford Disaster Relief and Emergency Assistance Act* (Stafford Act), as amended by Section 322 of the *Disaster Mitigation Act of 2000* (P.L. 106-390), the *National Flood Insurance Act of 1968,* as amended by the *National Flood Insurance Reform Act of 2004* (P.L. 108-264) and *44 Code of Federal Regulations (CFR) Part 201 – Mitigation Planning,* inclusive of all amendments through October 31, 2007.

SCORING SYSTEM
N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.
S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Each requirement includes separate elements. All elements of a requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a summary score of "Satisfactory." A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing.

When reviewing single jurisdiction plans, reviewers may want to put an N/A in the boxes for multi-jurisdictional plan requirements. When reviewing multi-jurisdictional plans, however, all elements apply. States that have additional requirements can add them in the appropriate sections of the *Local Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements. Optional matrices for assisting in the review of sections on profiling hazards, assessing vulnerability, and identifying and analyzing mitigation actions are found at the end of the Plan Review Crosswalk.

The example below illustrates how to fill in the Plan Review Crosswalk.:

Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment **shall** include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the community.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the **new or updated** plan include an **overall summary** description of the jurisdiction's **vulnerability** to each hazard?	Section II, pp. 4-10	The plan describes the types of assets that are located within geographically defined hazard areas as well as those that would be affected by winter storms.		
B. Does the **new or updated** plan address the **impact** of each hazard on the jurisdiction?	Section II, pp. 10-20	The plan does not address the impact of two of the five hazards addressed in the plan. **Required Revisions:** • Include a description of the impact of floods and earthquakes on the assets. **Recommended Revisions:** This information can be presented in terms of dollar value or percentages of damage.		
		SUMMARY SCORE		

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not been formally adopted. Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a **"Needs Improvement"** score.

Prerequisite(s) (Check Applicable Box)	**NOT MET**	**MET**
1. Adoption by the Local Governing Body: §201.6(c)(5) OR	**TBD**	
2. Multi-Jurisdictional Plan Adoption: §201.6(c)(5) **AND**	**TBD**	
3. Multi-Jurisdictional Planning Participation: §201.6(a)(3)		**X**
Planning Process	**N**	**S**
4. Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)		**X**
Risk Assessment	**N**	**S**
5. Identifying Hazards: §201.6(c)(2)(i)		**X**
6. Profiling Hazards: §201.6(c)(2)(i)		**X**
7. Assessing Vulnerability: Overview: §201.6(c)(2)(ii)		**X**
8. Assessing Vulnerability: Addressing Repetitive Loss Properties. §201.6(c)(2)(ii)		**X**
9. Assessing Vulnerability: Identifying Structures, Infrastructure, and Critical Facilities: §201.6(c)(2)(ii)(B)	**X**	
10. Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)	**X**	
11. Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)	**X**	
12. Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii)		**X**

*States that have additional requirements can add them in the appropriate sections of the *Local Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Mitigation Strategy	**N**	**S**
13. Local Hazard Mitigation Goals: §201.6(c)(3)(i)		**X**
14. Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii)	**X**	
15. Identification and Analysis of Mitigation Actions: NFIP Compliance. §201.6(c)(3)(ii)		**X**
16. Implementation of Mitigation Actions: §201.6(c)(3)(iii)	**X**	
17. Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv)	**X**	
Plan Maintenance Process	**N**	**S**
18. Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(ii)		**X**
19. Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)		**X**
20. Continued Public Involvement: §201.6(c)(4)(iii)		**X**
Additional State Requirements*	**N**	**S**
Insert State Requirement		
Insert State Requirement		
Insert State Requirement		

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED	**X**
See Reviewer's Comments	
PLAN APPROVED	

LOCAL MITIGATION PLAN REVIEW CROSSWALK

Local Mitigation Plan Review and Approval Status

Jurisdiction: **Pike County, Pennsylvania**	**Title of Plan: Pike County 2011 Hazard Mitigation Plan Update**	**Date of Plan: Submitted 07/21/2011 for PEMA and FEMA review**
Local Point of Contact: **Michael Mrozinski**	**Address:** **837 Route 6 Unit 4** **Shohola PA 18458**	
Title: Assistant Director **Pike County Office of Community Planning**		
Agency: **Pike County Office of Community Planning**		
Phone Number: **570-296-3500**	**E-Mail:** **mmrozinski@pikepa.org**	

State Reviewer: **Russel Kratzer, III**	**Title: PEMA** **Emergency Management Specialist**	**Date:**

FEMA Reviewer: Elizabeth Ranson	**Title: HM Community Planner** **Date: 08/17/11**
Date Received in FEMA Region 3	**08/03/2011**
Plan Not Approved	
Plan Approved	
Date Approved	

PIKE COUNTY	**Actions: 1, 2, 3, 26, 30, 32, 33, 34, 35, 36, 37, 38, 39**	**40, 45, 46, 47, 48**					
		DFIRM		**NFIP Status***			
Jurisdiction:	**Mitigation Actions:**	**In Plan**	**NOT in Plan**	**Y**	**N**	**N/A**	**CRS Class**
1. Blooming Grove Township	5, 6, 22, 29	X		X			**not participating**
2. Delaware Township	12,13,14,22, 29	X		X			**not participating**
3. Dingman Township	15, 22, 23, 27, 29	X		X			**not participating**
4. Greene Township	7, 10, 16, 17, 22, 27, 29	X		X			**not participating**
5. Lackawaxen Township	22, 28, 29, 31	X		X			**not participating**

LOCAL MITIGATION PLAN REVIEW CROSSWALK

Jurisdiction:	Mitigation Actions #						
6. Lehman Township	22, 27, 29, 42, 42, 43, 44	X		X			not participating
7. Matamoras Borough	8, 9, 19, 20, 22, 24, 25, 29	X		X			not participating
8. Milford Borough	10, 21, 22, 29, 41	X		X			not participating
9. Milford Township	12, 23, 22, 29	X		X			not participating
10. Palmyra Township	4, 22, 27, 29	X		X			not participating
11. Porter Township	18, 22, 29	X		X			not participating
12. Shohola Township	11, 22, 27, 29	X		X			not participating
13. Westfall Township	9, 10, 22, 24, 27, 29	X		X			not participating

*** Notes:** **Y = Participating** **N = Not Participating** **N/A = Not Mapped**

LOCAL MITIGATION PLAN REVIEW CROSSWALK

PREREQUISITE(S)

1. Adoption by the Local Governing Body

***Requirement §201.6(c)(5)*:** *[The local hazard mitigation plan **shall** include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	**MET**
A. Has the local governing body adopted **new or updated** plan?	TBD	Review of draft plan	X	
B. Is supporting documentation, such as a resolution, included?	TBD	Review of draft plan	X	
		SUMMARY SCORE	X	

2. Multi-Jurisdictional Plan Adoption

***Requirement §201.6(c)(5)*:** *For multi-jurisdictional plans, each jurisdiction requesting approval of the plan **must** document that it has been formally adopted.*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	**MET**
A. Does the **new or updated** plan indicate the specific jurisdictions represented in the plan?	Chapter 2 Chapter 3 Table 3.1.1	Community profile Planning Process Summary of local municipality participation		X
B. For each jurisdiction, has the local governing body adopted the **new or updated** plan?	TBD	Review of draft plan	X	
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	TBD	Review of draft plan	X	
		SUMMARY SCORE	X	

3. Multi-Jurisdictional Planning Participation

***Requirement §201.6(a)(3)*:** *Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process … Statewide plans will not be accepted as multi-jurisdictional plans.*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	**MET**
A. Does the **new or updated** plan describe **how** each jurisdiction participated in the plan's development?	Chapter 3 Planning Process Table 3.1.1 Appendix C	Narrative articulates the utilization of Survey and forms distributed to municipalities. Collected information was included on Table 3.1.1. 3.1.1. Spreadsheet identifies participating municipalities and populated fields capture varied levels of participation Appendix C on CD provides supportive documentation		X

B. Does the updated plan identify all participating jurisdictions, including new, continuing, and the jurisdictions that no longer participate in the plan?	Chapter 3 Planning Process	3.1.1. Spreadsheet identifies continued participation of all municipalities. Review of original plan concludes the same number of participating municipalities.		X
		SUMMARY SCORE		X

PLANNING PROCESS: ***§****201.6(b): An open public involvement process is essential to the development of an effective plan.*

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process **shall** include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan **shall** document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A. Does the plan provide a narrative description of the process followed to prepare the **new or updated** plan?	Chapter 3 Planning Process Pgs 15-18	Hazard Mitigation Steering Committee elected to use a standardized format for all local HMP's. Plan update changes are summarized in Table 3.1-2 and subsequent tables for each section of the plan are identified. HMPT decided to engage the expertise of an engineering firm (Michael Baker Jr., Inc.) to assist Pike County with throughout this update process.		X
B. Does the **new or updated** plan indicate who was involved in the **current** planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, *etc*.?)	Section 3.2 Planning Team Pgs19 and 20	Hazard Mitigation Plan Update (HMPU) identifies the creation of a Hazard Mitigation Steering Committee (HMSC) for the purpose of developing a Hazard Mitigation Planning Team. Members of the HMPT provided varied representation of municipal, state and adjoining county officials. Dual lead agency oversight – Pike County Office of Community Planning and Pike County Emergency Management Agency, however the Pike County Emergency Management Coordinator will be the lead point of contact for the HMSC.		X
C. Does the **new or updated** plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Section 3.3 Figure 3.4.1 Appendix C	Figure 3.4.1 provides visual sampling of advertisement inviting public participation in the HMP process. Notification clearly identifies website opportunity to review and comment on the plan update, Ample period of comment timeline is provided. (30 days)		X
D. **Does the new or updated plan discuss the** opportunity for neighboring communities, agencies,	Section 3.2 Pg 19	HMPT includes members from neighboring communities. Virtual teleconference meetings were also used as a method of		X

4. Documentation of the Planning Process

Requirement §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process **shall** include:*
(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Requirement §201.6(c)(1): *[The plan **shall** document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

			SCORE	
businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Pg 21	reaching a broader range and level of municipality participation (ex: Milford Township pg 21)		
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Chapter 3 Planning process Pg 15 Section 3.6 Pg 23	Plan update references inclusion and consideration of the Pike County Comprehensive Plan Plan update references consideration and discussion of multiple existing plans throughout the plan update process		X
F. Does the updated plan document how the planning team reviewed and analyzed each section of the plan and whether each section was revised as part of the update process?	Sections 3.3 and 3.4	To include 'break-out' meetings for the purpose of reviewing each section. Utilization of forms and surveys were applied to document and support this effort. Virtual teleconference meetings were also used as a method of reaching a broader range and level of municipality participation (ex: Milford Township pg 21)		X
		SUMMARY SCORE		X

RISK ASSESSMENT: *§201.6(c)(2): The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

5. Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment **shall** include a] description of the type … of all natural hazards that can affect the jurisdiction.*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include **a description** of the types of **all natural hazards** that affect the jurisdiction?	Chapter 4 Table 4.2.4 (2006) Table 4.2.5 (2011) Pg 26 Narrative	Chart lists and gives description of all natural hazards chosen by the municipalities. Identified hazard descriptions have been expanded considerably from the original 2006 plan. All hazards included in 2006 plan were included in 2011 HMPU. Additional hazards were considered, identified and included in the plan update.		X

SUMMARY SCORE		X

6. Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment **shall** include a] description of the … location and extent of all natural hazards that can affect the jurisdiction. The plan **shall** include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A. Does the risk assessment identify the **location** (*i.e.*, geographic area affected) of each natural hazard addressed in the **new or updated** plan?	Chapter 4 Hazard Profiles and VA	Each identified hazard location is addressed in narrative throughout the Hazard Profiles. Supportive mapping of affected areas provide additional geographic identification throughout the HMPU.		X
B. Does the risk assessment identify the **extent** (*i.e.*, magnitude or severity) of each hazard addressed in the **new or updated** plan?	Chapter 4 Hazard Profiles and VA	Each identified hazard extent is addressed in narrative throughout the Hazard Profiles –notably in the Range of Magnitude portion of the hazard identification.		X
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the **new or updated** plan?	Chapter 4 Hazard Profiles and VA	Each identified hazard previous occurrence was discussed in narrative throughout the Hazard Profiles. Past occurrences are called out in each identified hazard section.		X
D. Does the plan include the **probability of future events** (*i.e.*, chance of occurrence) for each hazard addressed in the **new or updated** plan?	Chapter 4 Hazard Profiles and VA Pg 26 Narrative	Each identified hazard future occurrence is analyzed and discussed in narrative throughout the Hazard Profiles and subsequent Vulnerability Assessments. Some additional hazards identifications considered, identified, and included in the plan update		X
		SUMMARY SCORE		X

7. Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): *[The risk assessment **shall** include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the community.*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan include an **overall summary** description of the jurisdiction's **vulnerability** to each hazard?	Chapter 4 Profiles and vulnerability	Utilization of maps, tables populated with individual jurisdictions vulnerability for the more prevalent identified hazards..Man-made hazards were identified as more difficult to project with any sufficient level of certainty (ie: terrorist attacks, transportation accidents, urban fires and explosions)		X
B. Does the **new or updated** plan address the **impact** of each hazard on the jurisdiction?	Chapter 4 Profiles and vulnerability	Hazard profiles include Range of Magnitude section depicting county-wide impact. More prevalent identified hazards are analyzed in greater detail to address the overall impact to jurisdictions		X
		SUMMARY SCORE		X

8. Assessing Vulnerability: Addressing Repetitive Loss Properties

Requirement §201.6(c)(2)(ii): *[The risk assessment] **must** also address National Flood Insurance Program (NFIP) insured structures that have been repetitively damaged floods.*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the new or updated plan describe vulnerability in terms of the types and numbers of *repetitive loss properties* located in the identified hazard areas?	Chapter 4 Pgs 49-50 Table 4.3.3.3	***Note: This requirement becomes effective for all local plans approved after October 1, 2008.*** **Note: Pike County reports: As of March 4, 2010 only 1 Severe Rep Loss property identified in the county. Table captures 28 Rep Loss properties, county locations (general) and structure types**		X
		SUMMARY SCORE		X

9. Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): *The plan **should** describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area … .*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers** of **existing** buildings, infrastructure, and critical facilities located in the	Appendix E 2.5 Pg 11 Narrative	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Continues to be a work in progress. Utilization of Hazus-MH to	X	

identified hazard areas?	Table 2.5.1 4.4.4 Narrative Revised Table 4.3.3-7 – pg 56	analyze potential losses from floods, hurricane winds and earthquakes. Table 2.5.1 Summarizes critical facilities within jurisdictions and defines building types. 4.4.4 Narrative outlines the specific challenges of the large numbers of older housing units especially in specific areas of Pike County can sustain wind gusts up to 160 mph and the population is largely composed of elderly residents. Actions addressing these concerns are included in the Mitigation Action plan for these specific areas. Required Revisions: Page 73 indicates the number of manufactured homes for consideration of vulnerability to high winds and tornadoes. The plan needs to indicate the number of manufactured homes in the SFHA by jurisdictions due to the high damage potential in flood areas Added columns to Table 4.3.3-7: "Structure and critical facility vulnerability summary for flood hazards" to show number of manufactured homes by jurisdiction in the SFHA.		
B. Does the **new or updated** plan describe vulnerability in terms of the **types and numbers** of **future** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Chapter 4 4.4.4 Narrative Table 4.4.3	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing*** Table 4.4.3 could be an indicator of future population and building growth trends.		X
		SUMMARY SCORE	X	

10. Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): *[The plan **should** describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate … .*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE**	
			N	**S**

A. Does the **new or updated** plan estimate **potential dollar losses** to vulnerable structures?	Section 4.4 Appendix F Pg 144 narrative Revised Section 6.4, Action 46 – pg. 191	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** RF Valuation and HAZUS-MH provide *potential* loss ESTIMATES for 7 of the identified hazards and the narrative calls out both largest and least areas of municipality loss. Required Revisions: The local county agencies appear to have a GIS system, clarify why a level 2 HAZUS analysis was not performed for this plan update. Added action 46 to address need for GIS data necessary to perform a level 2 HAZUS analysis for the next Hazard Mitigation Plan update.	X	
B. Does the **new or updated** plan describe the **methodology** used to prepare the estimate?	Section 4.4 Appendix F	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** Utilization of Risk Factor Valuation tool (RF) applied to 5 categories for each identified 2011 hazard		X
		SUMMARY SCORE		X

11. Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): *[The plan **should** describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A. Does the **new or updated** plan describe land uses and development trends?	Chapter 2 2.4 Pgs 8 & 9 Revised Section 4.3.3.5 and Table 4.3.3-6 – pg. 53-55; Revised Section 4.4.4 - pg. 151; Figure 4.4-4, pg. 154	***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.*** County has become a commuter-shed for metropolitan NY and NJ 89% forest and agricultural land uses. Required Revisions: Pike County has experiences extreme population growth over 10+ years. The plan needs to clearly indicate how and where this development has occurred related to hazard areas. Added paragraph on pg. 53 and Table 4.3.3-6 on pg. 55 to show and describe percent change of population in SFHA between 2000 and 2010. Revised Section 4.4.4 to better describe population growth in hazard areas. Added Figure 4.4-4 to show population growth in Pike County at the Census block level.	X	

		SUMMARY SCORE	X	

12. Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): *For multi-jurisdictional plans, the risk assessment **must** assess each jurisdiction's risks where they vary from the risks facing the entire planning area.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A. Does the **new or updated** plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Chapter 4 Table 4.4.3	Table captures the unique risk factors as applies to the individual jurisdictions, and demonstrates how the risk might vary in impact from the county. Ranking method is explained in the narrative portion prior to the chart.		X
		SUMMARY SCORE		X

MITIGATION STRATEGY: *§201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

13. Local Hazard Mitigation Goals

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A Does the **new or updated** plan include a description of mitigation **goals** to reduce or avoid long-term vulnerabilities to the identified hazards?	Chapter 6 Summary Pg 167 Table 6.1.1	2006 HMP goals were reviewed and critiqued. These goals were used as 'building blocks", or foundation for the 2011 plan update. Utilization of Goals & Objectives worksheets made readily available to municipality representatives and other stakeholders to encourage expansion of future goals. The HMP Pike County website was also a tool for reaching out for public comment/participation		X
		SUMMARY SCORE		X

14. Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S

LOCAL MITIGATION PLAN REVIEW CROSSWALK

A. Does the **new or updated** plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?	6.3 Pg 175 Revised table 6.1-2 – pg 173 Revised table 6.4-1, Actions 47 and 48 - pg. 190	2011 Mitigation Action plan applied a 6-point criteria to analyze mitigation techniques (actions) Required Revisions: Page 174 action 9 is to install a French mattress. Please clarify what a french mattress is. Added definition and image of French mattress to table 6.1-2 to clarify what a French mattress is. Required Revisions: A representative from the local school district was on the committee, the school district should be encouraged to develop mitigation actions for all school facilities that could benefit from mitigation measures. Added action 47 to address need for development of mitigation actions by the school districts for next HMP update. Added action 48 to address need for increased coordination between the three school districts and Pike County to ensure that disaster response plans are up-to-date and available.	X	
B Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?	6.4 Table 6.4.1	Mitigation Action Plan – addresses the continued monitoring of new development to include building code enforcement and ordinances. Specific proposal to provide performance standards in local land use ordinances for development.		X
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?	6.4 Table 6.4.1	Mitigation Action Plan – proposes the utilization of storm water management studies and projects, further addressing sources of flash flooding and means to abate or minimize,		X
		SUMMARY SCORE		X

15. Identification and Analysis of Mitigation Actions: National Flood Insurance Program (NFIP) Compliance

Requirement: §201.6(c)(3)(ii): *[The mitigation strategy] must also address the jurisdiction's participation in the National Flood Insurance Program (NFIP), and continued compliance with NFIP requirements, as appropriate.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A. Does the new or updated plan describe the jurisdiction (s) participation in the NFIP?	Chapter 5 5.2.2 Table 5.2.1	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** Narrative discusses County's partnership with FEMA, DCED, and other regulatory agencies for the promotion of		X

		NFIP program compliance .		
B. Does the mitigation strategy identify, analyze and prioritize actions related to continued compliance with the NFIP?	Chapter 5 Table 5.2.1 Pgs 155-156 Pg. 172 Table 6.4.1 Goal 2	***Note: This requirement becomes effective for all local mitigation plans approved after October 1, 2008.*** Utilization of building codes, floodplain ordinances and land development ordinances to monitor continued NFIP compliance. Mitigation Actions # 2, 36,and 37 promote improved participation in the NFIP Objective 2.1 reduce the impacts from flooding to include acquisition, elevation and relocation projects.		X
		SUMMARY SCORE		X

16. Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): *[The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE**	
			N	**S**
A. Does the **new or updated** mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)	Chapter 6 Pgs 185 -	7-point criteria utilized in the prioritization process Narrative on page 186 discusses PASTEEL criteria		X
B. Does the **new or updated** mitigation strategy address how the actions will be implemented and administered, including the responsible department , existing and potential resources and the timeframe to complete each action?	Table 6.4.1	Mitigation Action Plan Table identifies proposed Lead agency, funding sources, implementation schedules and category of proposed action		X
C. Does the **new or updated** prioritization process include an emphasis on the use of a **cost-benefit review** to maximize benefits?	Section 6.4 Table 6.4.1 Pgs. 185-186	PASTEEL methodology considers cost & benefit of the action and the contribution to the community economic goals. PASTEEL method applies similar concepts to those described in METHOD C of FEMA-386-5.		X
D. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Pg 164 Table 6.1.2 Appendix C Project evaluation survey forms Pg 172	Required Revisions: Several of the mitigation actions are noted as having a status as unknown, the plan needs to accurately indicate the status of these projects.	X	

	Revised Table 6.1.2- pg. 169; Revised Table 6.4-1-pg. 178	Revised Table 6.1.2 to more accurately indicate the status of the "unknown" projects after making phone calls to municipal representatives to collect status information. Phone calls revealed that several of the 2006 HMP actions with status unknown were completed. Actions 6, 8, and 9 were removed from Table 6.4-1 and the remaining actions in the table were renumbered. Required Revisions: Clarify if action 1 on page 169 included any additional requirements above the federal minimum standard related to development in the SFHA. Items to look for include for example: freeboard, exclusion of certain types of development etc.		
	Revised Table 6.4-1, Action 33 – pg. 187	Action 1, referenced in the required revision above, is a 2006 HMP action that was continued in the 2011 HMPU and renumbered as Action #33 in Table 6.4-1. To address the required revision, the wording of Action #33 was reworded to "Work with communities to adopt DCED model floodplain ordinance which exceeds NFIP standards by: • Prohibiting manufactured homes in the floodway. • Prohibiting manufactured homes within the area measured 50 feet landward from the top-of bank of any watercourse within a special flood hazard area. • Including special requirements for recreational vehicles within the special flood hazard area. • Including special requirement for accessory structures. • Prohibiting new construction and development within the area measured 50 feet landward from the top-of bank of any watercourse within a special flood hazard area." Required Revisions: The 2006 strategy noted on page 171 to mitigate rep loss properties in Milford township has been noted as an unknown status and continued in the 2011 plan as action #13, the jurisdictions should apply for funding to mitigate these properties. FEMA has a specific funding sourse to deal solely with rep loss properties.		
	Revised Table 6.4-1, Action 10 – pg.	It was determined that there are no structures that qualify as repetitive loss structures in Milford Borough however the structures referenced in the action were determined to be		

	180 Revised Section 4.3.3.5 – pg. 58	floodprone structures. Action #13, as referenced in the required revision above, was renumbered to action #10 to account for the removal of several completed actions from table 6.4-1. The wording of the action was revised to account for floodprone structures and HMGP was added as a funding source. Required Revisions: The plan update needs to clearly indicate the number of mitigation projects, activities and success from the three consecutive floods in 2004,2005, and 2006. Added paragraph to Section 4.3.3.5 pg. 58 to discuss specific projects that were completed as a result of the floods that took place in 2004, 2005, and 2006.		
		SUMMARY SCORE	X	

17. Multi-Jurisdictional Mitigation Actions

Requirement §201.6(c)(3)(iv): *For multi-jurisdictional plans, there **must** be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE** N	**SCORE** S
A Does the **new or updated** plan include identifiable **action items** for each jurisdiction requesting FEMA approval of the plan?	Section 6 Mitigation	Some participating jurisdictions accomplish representation via County-wide actions (ex: County-wide action #29 Storm Ready & Fire Wise). Some actions are 'multi-jurisdictional" Additional jurisdictional participation is composed of either "stand-alone" participation or in some cases combined jurisdictional efforts are applied.		X
B. Does the **updated** plan identify the completed, deleted or deferred mitigation actions as a benchmark for progress, and if activities are unchanged (*i.e.*, deferred), does the updated plan describe why no changes occurred?	Section 6 Mitigation Strategy Table 6.1.1 – 2006 Table 6.1.2 – 2006 Table 6.2.1-2011	Table 6.1.1 Itemized summary of original 13 2006 mit strategy goals. Followed by 6.1.1 itemized and review summary of 36 original 2006 actions and their progress/status to date. This action matrix itemizes a commentary review of 2006 action and identifies the actions deletion, completion or continued inclusion in the 2011 Mit Plan Matrix Required Revisions: Several of the mitigation actions		X

		are noted as having a status as unknown, the plan needs to accurately indicate the status of these projects.		
	Revised Table 6.1.2-pg. 169; Revised Table 6.4-1-pg. 178	Revised Table 6.1.2 to more accurately indicate the status of the "unknown" projects after making phone calls to municipal representatives to collect status information. Phone calls revealed that several of the 2006 HMP actions with status unknown were completed. Actions 6, 8, and 9 were removed from Table 6.4-1 and the remaining actions in the table were renumbered. Required Revisions: Clarify if action 1 on page 169 included any additional requirements above the federal minimum standard related to development in the SFHA. Items to look for include for example: freeboard, exclusion of certain types of development etc.		
	Revised Table 6.4-1, Action 33 – pg. 187	Action 1, referenced in the required revision above, is a 2006 HMP action that was continued in the 2011 HMPU and renumbered as Action #33 in Table 6.4-1. To address the required revision, the wording of Action #33 was reworded to "Work with communities to adopt DCED model floodplain ordinance which exceeds NFIP standards by: • Prohibiting manufactured homes in the floodway. • Prohibiting manufactured homes within the area measured 50 feet landward from the top-of bank of any watercourse within a special flood hazard area. • Including special requirements for recreational vehicles within the special flood hazard area. • Including special requirement for accessory structures. • Prohibiting new construction and development within the area measured 50 feet landward from the top-of bank of any watercourse within a special flood hazard area." Required Revisions: The 2006 strategy noted on page		

		171 to mitigate rep loss properties in Milford township has been noted as an unknown status and continued in the 2011 plan as action #13, the jurisdictions should apply for funding to mitigate these properties. FEMA has a specific funding sourse to deal solely with rep loss properties.		
	Revised Table 6.4-1, Action 10 – pg. 180	It was determined that there are no structures that qualify as repetitive loss structures in Milford Borough however the structures referenced in the action were determined to be floodprone structures. Action #13, as referenced in the required revision above, was renumbered to action #10 to account for the removal of several completed actions from table 6.4-1. The wording of the action was revised to account for floodprone structures and HMGP was added as a funding source. Required Revisions: The plan update needs to clearly indicate the number of mitigation projects, activities and success from the three consecutive floods in 2004,2005, and 2006.		
	Revised Section 4.3.3.5 – pg. 58	Added paragraph to Section 4.3.3.5 pg. 58 to discuss specific projects that were completed as a result of the floods that took place in 2004, 2005, and 2006.		
		SUMMARY SCORE		X

PLAN MAINTENANCE PROCESS

18. Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): *[The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE**	
			N	**S**
A. Does the **new or updated** plan describe the method and schedule for **monitoring** the plan, including the responsible department?	Chapter 7 7.1 7.2	Dual lead agency oversight – Pike County Office of Community Planning and Pike County Emergency Management Agency. Pike County Emergency Coordinator will lead the HMSC in maintenance requirements		X

		Annual meetings will be held or within 30 days after any disaster declaration		
B. Does the **new or updated** plan describe the method and schedule for **evaluating** the plan, including how, when and by whom (*i.e.* the responsible department)?	Chapter 7 Section 7.2 Page 207	Dual lead agency oversight – Pike County Office of Community Planning and Pike County Emergency Management Agency. Pike County Emergency Coordinator will lead the HMSC in maintenance requirements Annual meetings will be held or within 30 days after any disaster declaration		X
C. Does the **new or updated** plan describe the method and schedule for **updating** the plan within the five-year cycle?	Chapter 7 Page 208	Review of implementation of mitigation actions and the impacts of those actions will be identified. Public participation will be encouraged for inclusion and comment. Provision and monitoring of county-wide website will additionally support and encourage ongoing public participation.		X
		SUMMARY SCORE		X

19. Incorporation into Existing Planning Mechanisms

Requirement §201.6(c)(4)(ii): *[The plan **shall** include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	**Location in the Plan** (section or annex and page #)	**Reviewer's Comments**	**SCORE**	
			N	**S**
A. Does the **new or updated** plan identify other local planning mechanisms available for incorporating the mitigation requirements of the mitigation plan?	Chapter 7 Section 7.3 Pgs 209-210	A variety of other local planning mechanisms will be reviewed for incorporation into the HMPU		X
B. Does the **new or updated** plan include a process by which the local government will incorporate the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Chapter 7 Section 7.3 Pgs 209-210	A variety of other local planning mechanisms will be reviewed for incorporation into the HMPU. Likewise useful supportive data will be utilized in updating other planning mechanisms within Pike County		X
C. Does the **updated** plan explain how the local government incorporated the mitigation strategy and other information contained in the plan (*e.g.*, risk assessment) into other planning mechanisms, when appropriate?	Chapter 7 Section 7.3 Pgs 209-210	Specific comprehensive plans are to be reviewed for active incorporation of information when applicable. Documents under consideration are listed individually		X
		SUMMARY SCORE		X

Continued Public Involvement

Requirement §201.6(c)(4)(iii): *[The plan maintenance process **shall** include a] discussion on how the community will continue public participation in the plan maintenance process.*

LOCAL MITIGATION PLAN REVIEW CROSSWALK

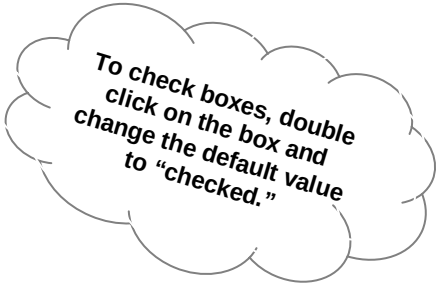
Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the **new or updated** plan explain how **continued public participation** will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Chapter 7 7.4	Utilization of website to solicit public participation and comments will be continued.		X
		SUMMARY SCORE		X

MATRIX A: PROFILING HAZARDS

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required**.

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each** applicable **hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Location		B. Extent		C. Previous Occurrences		D. Probability of Future Events	
	Yes	N	S	N	S	N	S	N	S
Avalanche	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coastal Erosion	☐	☐	☐	☐	☐	☐	☐	☐	☐
Coastal Storm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Dam Failure	☐	☐	☐	☐	☐	☐	☐	☐	☐
Drought	☐	☐	☐	☐	☐	☐	☐	☐	☐
Earthquake	☐	☐	☐	☐	☐	☐	☐	☐	☐
Expansive Soils	☐	☐	☐	☐	☐	☐	☐	☐	☐
Levee Failure	☐	☐	☐	☐	☐	☐	☐	☐	☐
Flood	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hailstorm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hurricane	☐	☐	☐	☐	☐	☐	☐	☐	☐
Land Subsidence	☐	☐	☐	☐	☐	☐	☐	☐	☐
Landslide	☐	☐	☐	☐	☐	☐	☐	☐	☐
Severe Winter Storm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tornado	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tsunami	☐	☐	☐	☐	☐	☐	☐	☐	☐
Volcano	☐	☐	☐	☐	☐	☐	☐	☐	☐
Wildfire	☐	☐	☐	☐	☐	☐	☐	☐	☐
Windstorm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐



Legend:

§201.6(c)(2)(i) Profiling Hazards
A. Does the risk assessment identify the location (*i.e.*, geographic area affected) of each hazard addressed in the **new or updated** plan?
B. Does the risk assessment identify the extent (*i.e.*, magnitude or severity) of each hazard addressed in the **new or updated** plan?
C. Does the plan provide information on previous occurrences of each natural hazard addressed in the **new or updated** plan?
D. Does the plan include the probability of future events (*i.e.*, chance of occurrence) for each hazard addressed in the plan?

MATRIX B: ASSESSING VULNERABILITY

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that the new or updated plan addresses each requirement. **Completing the matrix is not required**.

*Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk. Note: Receiving an N in the shaded columns will not preclude the plan from passing.*

To check boxes, double click on the box and change the default value to "checked."

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	§201.6(c)(2)(ii) Assessing Vulnerability: Overview	A. Overall Summary Description of Vulnerability		B. Hazard Impact		§201.6(c)(2)(ii) Assessing Vulnerability: Identifying Structures	A. Types and Number of Existing Structures in Hazard Area (Estimate)		B. Types and Number of Future Structures in Hazard Area (Estimate)		§201.6(c)(2)(ii) Assessing Vulnerability: Estimating Potential Losses	A. Loss Estimate		B. Methodology	
	Yes		N	S	N	S		N	S	N	S		N	S	N	S
Avalanche	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Coastal Erosion	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Coastal Storm	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Dam Failure	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Drought	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Earthquake	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Expansive Soils	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Levee Failure	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Flood	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Hailstorm	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Hurricane	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Land Subsidence	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Landslide	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Severe Winter Storm	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Tornado	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Tsunami	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Volcano	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Wildfire	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Windstorm	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Other _____	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Other _____	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Other _____	☐		☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐

Legend:

§201.6(c)(2)(ii) Assessing Vulnerability: Overview

A. Does the **new or updated** plan include an overall summary description of the jurisdiction's vulnerability to each hazard?

B. Does the **new or updated** plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(ii)(A) Assessing Vulnerability: Identifying Structures

A. Does the **new or updated** plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?

B. Does the **new or updated** plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(ii)(B) Assessing Vulnerability: Estimating Potential Losses

A. Does the **new or updated** plan estimate potential dollar losses to vulnerable structures?

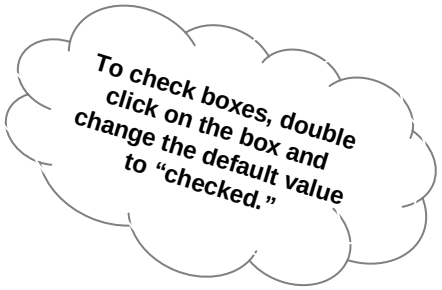
B. Does the **new or updated** plan describe the methodology used to prepare the estimate?

MATRIX C: IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.**

*Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An "N" for any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.*

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Comprehensive Range of Actions and Projects	
	Yes	N	S
Avalanche	☐	☐	☐
Coastal Erosion	☐	☐	☐
Coastal Storm	☐	☐	☐
Dam Failure	☐	☐	☐
Drought	☐	☐	☐
Earthquake	☐	☐	☐
Expansive Soils	☐	☐	☐
Levee Failure	☐	☐	☐
Flood	☐	☐	☐
Hailstorm	☐	☐	☐
Hurricane	☐	☐	☐
Land Subsidence	☐	☐	☐
Landslide	☐	☐	☐
Severe Winter Storm	☐	☐	☐
Tornado	☐	☐	☐
Tsunami	☐	☐	☐
Volcano	☐	☐	☐
Wildfire	☐	☐	☐
Windstorm	☐	☐	☐
Other _____	☐	☐	☐
Other _____	☐	☐	☐
Other _____	☐	☐	☐



Legend:
§201.6(c)(3)(ii) Identification and Analysis of Mitigation Actions
A. Does the **new or updated** plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?