FEMA Region IX – CalEMA Crosswalk For Flood Mitigation Assistance (FMA) Requirements
Jurisdiction: **Date of Plan:**

Instructions for using the plan review crosswalk single/multi-jurisdiction Flood Mitigation Plan.

Attached is a Plan Review Crosswalk based on the ***Multi-Hazard Mitigation Planning Guidance Under the Disaster Mitigation Act of 2000***, dated March 2004. This Plan Review Crosswalk is consistent with the *Disaster Mitigation Act of 2000* (P.L. 106-390), enacted October 30, 2000 and *44 CFR Part 201 – Mitigation Planning, Interim Final Rule* (the Rule), published February 26, 2002.

Explanation of the Rule "shall" and "should" language. Planning criteria with the word *"shall"* means that the information is required to be included in the mitigation plan in order to receive FEMA approval. Planning criteria that have the words *"should"* indicates information that supports comprehensive local and State planning, but is not required at this time.

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." ***All planning elements must be included; however, a "Needs Improvement" score in the gray shaded areas will not preclude the plan from being approved by FEMA.*** When reviewing Single Jurisdiction Plans (SJP), reviewers may want to put an N/A in the boxes for multi-jurisdictional plan requirements. When reviewing multi-jurisdictional plans, reviewers may want to put an N/A in the prerequisite box for single jurisdiction plans.

States that have additional requirements can add them in the appropriate sections of the *Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements. ***As part of a jurisdiction's participation in California's local hazard mitigation planning program, California requests completion of a local capabilities assessment as indicated in Section 2.2 of this Crosswalk.***

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.

Please Note: Prior to submission and as illustrated in the example below, jurisdiction(s) submitting the plan for review and approval are required to complete the 2nd column of the crosswalk titled "Location in the Plan".

This example box is provided to illustrate how the local jurisdiction needs to complete the second column and further provides an example of how the FEMA review will be completed. 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 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.		X
B. Does the 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.	X	
		SUMMARY SCORE	X	

Single Jurisdiction & Multi-Jurisdictional, Flood Mitigation Plan Review and Approval Status

Single/Lead Jurisdiction:	Title of MJP Plan:	Date of Plan:

Local Point of Contact:	Address:
Title:	
Agency:	
Phone Number:	E-Mail:

State Reviewer:	Title:	Date:

FEMA Reviewer:	Title:	Date:
Date Received in FEMA Region [Insert #]		
Plan Not Approved		
Plan Approved		
Date Approved		

List single jurisdiction or, If MJP, list Participating Jurisdictions, including the "Lead Jurisdiction":	NFIP Status*			
	Y	N	N/A	CRS Class
1.				
2.				
3.				
4. [ATTACH PAGE(S) WITH ADDITIONAL JURISDICTIONS]				

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

FEMA Region IX – CalEMA Crosswalk For Flood Mitigation Assistance (FMA) Requirements
Jurisdiction: **Date of Plan:**

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not formally been 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.

All planning elements must be included, however a "Needs Improvement" score in the gray shaded areas will not preclude the plan from being approved by FEMA.
Reviewer's comments must be provided for requirements receiving a **"Needs Improvement"** score.

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.

1.0 Prerequisite(s) (Check Applicable Box)	**LHMP**		**FMA**	
	NOT MET	**MET**	**NOT MET**	**MET**
1.1 Adoption by the Local Governing Body: §201.6(c)(5) & **§**78.5(f) **OR**				
1.2 Multi-Jurisdictional Plan Adoption: §201.6(c)(5) &**§** 78.5(f) **AND**				
1.3 Multi-Jurisdictional Planning Participation: 201.6(a)(3) &**§** 78.5(a)				

2.0 Planning Process	**N**	**S**	**N**	**S**
2.1 Documentation of the Planning Process: §201.6(b) and §201.6(c)(1) &§ 78.5(a)				
2.2 Local Capabilities Assessment §201.4(c)(ii) and §201.6(c)(1) [This section is reviewed and scored by OES.]				

3.0 Risk Assessment	**N**	**S**	**N**	**S**
3.1 Identifying Hazards: §201.6(c)(2)(i) & §78.5(b)				
3.2 Profiling Hazards: §201.6(c)(2)(i) & §78.5(b)				
3.3 Assessing Vulnerability: Overview: §201.6(c)(2)(ii) & §78.5(b)				
3.4 Assessing Vulnerability: Identifying Structures: 201.6(c)(2)(ii)(A) & §78.5(b)				
3.5 Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)				
3.6 Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)				
3.7 Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii) & FEMA 299				

4.0 Mitigation Strategy	**N**	**S**	**N**	**S**
4.1 Local Hazard Mitigation Goals: §201.6(c)(3)(i) & §78.5(c)				
4.2 Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii) & §78.5(d)				
4.3 Implementation of Mitigation Actions: §201.6(c)(3)(iii) & §78.5(d)(e)				
4.4 Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv) & FEMA 299				

5.0 Plan Maintenance Process	**N**	**S**	**N**	**S**
5.1 Monitoring, Evaluating, and Updating the Plan: 201.6(c)(4)(i) & §78.5(e)				
5.2 Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)				
5.3 Continued Public Involvement: §201.6(c)(4)(iii)				

STATE REVIEW STATUS OF THE FLOOD MITIGATION PLAN:

STATE REVIEW COMPLETED on DATE: _____

FORWARDED TO FEMA FOR REVIEW/APPROVAL DATE: _____

FEMA REVIEW STATUS OF THE LHMP OR FMP:

FEMA REVIEW COMPLETE, PLAN RETURNED DATE: _____

FEMA REVIEW COMPLETE, PLAN APPROVED DATE: _____

1.0 PREREQUISITE(S)

1.1 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).*
FMA Requirement §78.5(f): *Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive, etc.).*

Element	Location in the Plan (section or annex and page #) [This column to be completed by the submitting jurisdiction(s)]	Reviewer's Comments	LHMP		FMA	
			NOT MET	MET	NOT MET	MET
A. Has the local governing body adopted the plan?						
B. Is supporting documentation, such as a resolution, included?						
		SUMMARY SCORE				

1.2 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.*
FMA Requirement §78.5(f): *Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive, etc.)*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			NOT MET	MET	NOT MET	MET
A. Does the plan indicate the specific jurisdictions represented in the plan?						
B. For each jurisdiction, has the local governing body adopted the plan?						
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?						
		SUMMARY SCORE				

1.3 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.*
FMA Requirement §78.5(a): *Description of the planning process and public involvement. Public involvement **may** include workshops, public meetings & hearings.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			NOT MET	MET	NOT MET	MET

A. Does the plan describe **how** each jurisdiction participated in the plan's development?						
SUMMARY SCORE						

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

2.1 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.*
FMA Requirement §78.5(a): *Description of the planning process and public involvement. Public involvement* ***may*** *include workshops, public meetings & hearings.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE LHMP N	SCORE LHMP S	SCORE FMA N	SCORE FMA S
A. Does the plan provide a narrative description of the process followed to prepare the plan?						
B. Does the plan indicate who was involved in the 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.?)						
C. Does the 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?)						
D. Was there an opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?		***Note: A "Needs Improvement" score on this requirement will not preclude the Flood Mitigation plan from passing.***				
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?		***Note: A "Needs Improvement" score on this requirement will not preclude the Flood Mitigation plan from passing.***				
		SUMMARY SCORE				

2.2 Local Capabilities Assessment (State OES Requested Information)

Requirement §201.4(c)(3)(ii): *– Of the Federal Register Interim Final Rule 44 CFR Parts 201 and 206 states, "[The **State** mitigation strategy **shall** include] a general description and analysis of the effectiveness of local mitigation policies, programs, and capabilities.*

The following elements should be covered as they provide information that assists the State to meet the required planning element in the State's mitigation plan. More importantly, providing this information benefits the local community in their planning efforts. A "Needs Improvement" score will not preclude either plan from being recommended for approval by CalEMA or approved by FEMA.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			LHMP		FMA	
			N	S	N	S
A. Does the plan provide a description of the human and technical resources available within this jurisdiction to engage in a mitigation planning process and to develop a local hazard mitigation plan?						
B. Does the plan list local mitigation financial resources and funding sources (such as taxes, fees, assessments or fines) which affect or promote mitigation within the reporting jurisdiction?						
C. Does the plan list local ordinances which affect or promote disaster mitigation, preparedness, response or recovery within the reporting jurisdiction?						
D. Does the plan describe the details of in-progress, ongoing or completed mitigation projects and programs within the reporting jurisdiction?						
		STATE OES SUMMARY SCORE				

3.0 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.*

3.1 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.*
FMA Requirement §78.5(b): *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan include **a description** of the types of **all natural hazards** that affect the jurisdiction? If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a Satisfactory score. Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.						
		SUMMARY SCORE				

3.2 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.*

FMA Requirement §78.5(b): *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE			
			N	S	N	S
A. Does the risk assessment identify the **location** (i.e., geographic area affected) of each natural hazard addressed in the plan?						
B. Does the risk assessment identify the **extent** (i.e., magnitude or severity) of each hazard addressed in the plan?						
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the plan?						
D. Does the plan include the **probability of future events** (i.e., chance of occurrence) for each hazard addressed in the plan?						
		SUMMARY SCORE				

3.3 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.*
FMA Requirement §78.5(b): *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan include an **overall summary** description of the jurisdiction's **vulnerability** to each hazard?						
B. Does the plan address the **impact** of each hazard on the jurisdiction?						
		SUMMARY SCORE				

3.4 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 … .*
FMA Requirement §78.5(b): *Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan describe vulnerability in terms of the **types and numbers** of **existing** buildings (including repetitive loss structures), infrastructure, and critical facilities located in the identified hazard areas?						
B. Does the plan describe vulnerability in terms of the **types and numbers** of **future** buildings, infrastructure, and critical facilities located in the identified hazard areas?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
		SUMMARY SCORE				

3.5 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)(i)(A) of this section and a description of the methodology used to prepare the estimate … .*
[The information in the following planning elements must be included, however a "Needs Improvement" score will not preclude either plan from being approved by FEMA.]

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan estimate **potential dollar losses** to vulnerable structures?						
B. Does the plan describe the **methodology** used to prepare the estimate?						
		SUMMARY SCORE				

3.6 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.*
[The information in the following planning element must be included, however a "Needs Improvement" score will not preclude either plan from being approved by FEMA.]

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan describe land uses and development trends?						
		SUMMARY SCORE				

3.7 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*
FMA FEMA 299 Guidance: *The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions within the geographical area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
		SUMMARY SCORE				

4.0 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.*

4.1 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*
FMA Requirement §78.5(c): *The applicant's floodplain management goals for the area covered by the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A Does the plan include a description of mitigation **goals** to reduce or avoid long-term vulnerabilities to the identified hazards? (**GOALS** are long-term; represent what the community wants to achieve, such as "eliminate flood damage"; and are based on the risk assessment findings.)						
		SUMMARY SCORE				

4.2 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.*
FMA Requirement §78.5(d): *Identification and evaluation of cost-effective and technically feasible mitigation actions considered.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?						
B Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?						
		SUMMARY SCORE				

4.3 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.*
FMA Requirement: §78.5(d): *Identification and evaluation of cost-effective and technically feasible mitigation actions considered*
FMA Requirement: §78.5(e): *Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
B. Does the mitigation strategy address how the actions will be **implemented and administered**? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)						
B1 Does the mitigation strategy address continued compliance with the NFIP?						
C. Does the prioritization process include an emphasis on the use of a **cost-benefit review** (see page 3-36 of *Multi-Hazard Mitigation Planning Guidance*) to maximize benefits?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
C1 Does the mitigation strategy emphasize cost-effective and technically feasible mitigation actions?						
		SUMMARY SCORE				

4.4 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.*
FMA FEMA 299 Guidance: *The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions, within the geographical area.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A Does the plan include at least one identifiable						

action item for each jurisdiction requesting FEMA approval of the plan?						
		SUMMARY SCORE				

5.0 PLAN MAINTENANCE PROCESS

5.1 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.*

FMA Requirement §78.5(e): *Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	LHMP		FMA	
			N	S	N	S
A. Does the plan describe the method and schedule for **monitoring** the plan? (For example, does it identify the party responsible for monitoring and include a schedule for reports, site visits, phone calls, and meetings?)					
B. Does the plan describe the method and schedule for **evaluating** the plan? (For example, does it identify the party responsible for evaluating the plan and include the criteria used to evaluate the plan?)						
C. Does the plan describe the method and schedule for **updating** the plan within the five-year cycle?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
		SUMMARY SCORE				

5.2 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.*

	Location in the Plan (section or annex and page #)		LHMP		FMA	
			N	S	N	S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
B. Does the plan include a process by which the local government will incorporate the requirements in other		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from***				

plans, when appropriate?		***passing.***			
			SUMMARY SCORE		

5.3 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.*

	Location in the Plan (section or annex and page)]		LHMP		FMA	
			N	S	N	S
A. Does the 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?)		***Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.***				
		SUMMARY SCORE				

Additional FEMA planning guidance may be accessed on the following web sites:

FEMA Planning Resource Center
http://www.fema.gov/fima/resources.shtm

Multi-Hazard Mitigation Planning guidance Under the Disaster Mitigation Act of 2000
http://www.fema.gov/fima/guidance.shtm

How-To Guide #1
Getting Started: Building Support for Mitigation Planning
http://www.fema.gov/fima/howto1.shtm

How-To Guide #2
Understanding Your Risks: Identifying Hazards and Estimating Losses
http://www.fema.gov/fima/howto2.shtm

How-To Guide #3
Developing the Mitigation Plan: Identifying Mitigation Actions and Implementation Strategies
http://www.fema.gov/fima/howto3.shtm

How-To Guide #4
Bringing the Plan To Life: Implementing the Hazard Mitigation Plan
http://www.fema.gov/fima/howto4.shtm

Flood Mitigation Assistance (FMA) Program Guidelines and Forms
http://www.fema.gov/fima/fma.shtm

Explanation of the numbering system used in this document.

The numbering system used in this document is not tied to any other document(s) or numbering system(s). The Stafford Act and/or DMA 2000 planning requirements are indicated as 1.0, 2.0, 3.0, etc. The Interim Final Rule [(IFR), requirements are numbered 1.1, 1.2, 1.3; 2.1, 2.2, 2.3; 3.1, 3.2, 3.3, etc. The FEMA planning guidance and crosswalk element requirements are listed as A., B., C., etc.

The numbering system was simply created so that users of this document can more easily cross-reference information within the document without having to repeat information throughout.

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LEGEND
FOR NUMBERING SYSTEM USED IN THIS DOCUMENT

***Local* or *Multi-Jurisdictional Sub Grantee* Hazard Mitigation Plan**

1.0 Prerequisite(s)
1.1 Adoption by the Local Governing Body: §201.6(c)(5) **OR**
1.2 Multi-Jurisdictional Plan Adoption: §201.6(c)(5) **AND**
1.3 Multi-Jurisdictional Planning Participation: §201.6(a)(3)
2.0 Planning Process
2.1 Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)
2.2 Local Capabilities Assessment §201.4©(ii) and §201.6 c)(1)
3.0 Risk Assessment
3.1 Identifying Hazards: §201.6(c)(2)(i)
3.2 Profiling Hazards: §201.6(c)(2)(i)
3.3 Assessing Vulnerability: Overview: §201.6(c)(2)(ii)
3.4 Assessing Vulnerability: Identifying Structures: §201.6(c)(2)(ii)(A)
3.5 Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)
3.6 Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)
3.7 Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii)
4.0 Mitigation Strategy
4.1 Local Hazard Mitigation Goals: §201.6(c)(3)(i)
4.2 Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii)
4.3 Implementation of Mitigation Actions: §201.6(c)(3)(iii)
4.4 Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv)
5.0 Plan Maintenance Process
5.1 Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i)
5.2 Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)
5.3 Continued Public Involvement: §201.6(c)(4)(iii)

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	☐	☐	☐	☐	☐	☐	☐	☐	☐
Extreme Heat	☐	☐	☐	☐	☐	☐	☐	☐	☐
Flood	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hailstorm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Hurricane	☐	☐	☐	☐	☐	☐	☐	☐	☐
Land Subsidence	☐	☐	☐	☐	☐	☐	☐	☐	☐
Landslide	☐	☐	☐	☐	☐	☐	☐	☐	☐
Severe Winter Storm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tornado	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tsunami	☐	☐	☐	☐	☐	☐	☐	☐	☐
Volcano	☐	☐	☐	☐	☐	☐	☐	☐	☐
Wildfire	☐	☐	☐	☐	☐	☐	☐	☐	☐
Windstorm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other _____	☐	☐	☐	☐	☐	☐	☐	☐	☐

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

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 plan?
B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?
C. Does the plan provide information on previous occurrences of each natural hazard addressed in the 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 their 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					§201.6(c)(2)(ii) Assessing Vulnerability: Identifying Structures					§201.6(c)(2)(ii) Assessing Vulnerability: Estimating Potential Losses			
		A. Overall Summary Description of Vulnerability		B. Hazard Impact			A. Types and Number of Existing Structures in Hazard Area (Estimate)		B. Types and Number of Future Structures in Hazard Area (Estimate)			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	☐	☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
Extreme Heat	☐	☐	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	☐
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 plan include an overall summary description of the jurisdiction's vulnerability to each hazard?

B. Does the plan address the impact of each hazard on the jurisdiction?

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

A. Does the 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 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 plan estimate potential dollar losses to vulnerable structures?

B. Does the 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	☐	☐	☐
Extreme Heat	☐	☐	☐
Flood	☐	☐	☐
Hailstorm	☐	☐	☐
Hurricane	☐	☐	☐
Land Subsidence	☐	☐	☐
Landslide	☐	☐	☐
Severe Winter Storm	☐	☐	☐
Tornado	☐	☐	☐
Tsunami	☐	☐	☐
Volcano	☐	☐	☐
Wildfire	☐	☐	☐
Windstorm	☐	☐	☐
Other _____	☐	☐	☐
Other _____	☐	☐	☐
Other _____	☐	☐	☐

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

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