GOVERNOR'S DIVISION OF EMERGENCY MANAGEMENT

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STEVEN McCRAW
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State Coordinator

January 26, 2005

RECEIVED
FEB 02 2005
GBRA – Seguin Office

W. E. "Bill" West, Jr., General Manager
Guadalupe Blanco River Authority
933 East Court Street
Seguin, TX 78155

Dear Mr. West:

I want to take this opportunity to offer my congratulations on the Guadalupe Blanco River Authority receiving FEMA's approval of your Mitigation Action Plan (MAP). By receiving this approval GBRA and the 26 communities that participated in the development of the MAP remain eligible for Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation (PDM) Grant Program funds. The effort put into developing this plan demonstrates that you are committed to implementing actions that eliminate or reduce the severity of hazards on people and property in the communities that are a part of the GBRA MAP.

Again, my congratulations. If we can be of further assistance, please contact my Mitigation staff at 512-424-2397.

Sincerely,

Jack Colley
State Coordinator

Mitigate/local action plans/pdm02 plans/gbra

Local Mitigation Plan Review and Approval Status

Jurisdiction: Guadalupe-Blanco River Authority	**Title of Plan:** Hazard Mitigation in the Guadalupe River Basin	**Date of Plan:** March 2004
Local Point of Contact: Judy Gardner	**Address:**	
Title: Manager of Communication and Education		
Agency: Guadalupe-Blanco River Authority		
Phone Number: 830-379-5822	**E-Mail:** jgardner@gbra.org	

State Reviewer: Mary Evan	**Title:** Mitigation Plans Officer	**Date:** July 13. 2004

FEMA Reviewer: Richard Massey	**Title:** Mitigation Plan Reviewer	**Date:** Sept 18, 2004
FEMA QA/QC: Owen Reese	**Title:** Mitigation Plan Reviewer	**Date:** Sept 29, 2004
Date Received in FEMA Region VI	7-16-04	
Plan Not Approved		
Plan Approved	January 19, 2005	

Jurisdiction:	NFIP Status*			
	Y	N	N/A	CRS Class
1. Kendall County	X			
2. City of Boerne	X			
3. Caldwell County	X			
4. City of Lockhart	X			
5. City of Luling	X			
6. City of Martindale	X			
7. DeWitt County	X			
8. City of Cuero	X			
9. City of Nordheim		X		
10. City of Yoakum	X			
11. City of Yorktown	X			
12. Gonzales County	X			
13. City of Gonzales	X			
14. City of Nixon	X			
15. City of Waelder	X			
16. Calhoun County	X			
17. City of Point Comfort	X			
18. City of Port Lavaca	X			
19. City of Seadrift	X			
20. Refugio County	X			

Jurisdiction:	NFIP Status*			
	Y	N	N/A	CRS Class
21. City of Austwell	X			
22. City of Bayside	X			
23. Town of Refugio	X			
24. City of Woodsboro	X			
25. Victoria County	X			
26. City of Victoria	X			
27. Guadalupe Blanco River Authority			X	

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

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.

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.

Prerequisite(s) (Check Applicable Box)	**NOT MET**	**MET**
Adoption by the Local Governing Body: §201.6(c)(5) **OR**	N/A	N/A
Multi-Jurisdictional Plan Adoption: §201.6(c)(5) **AND**		X
Multi-Jurisdictional Planning Participation: §201.6(a)(3)		X

Planning Process	**N**	**S**
Documentation of the Planning Process: §201.6(b) and §201.6(c)(1)		X

Risk Assessment	**N**	**S**
Identifying Hazards: §201.6(c)(2)(i)		X
Profiling Hazards: §201.6(c)(2)(i)		X
Assessing Vulnerability: Overview: §201.6(c)(2)(ii)		X
Assessing Vulnerability: Identifying Structures: §201.6(c)(2)(ii)(A)	X	
Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)		X
Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)	X	
Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii)		X

Mitigation Strategy	**N**	**S**
Local Hazard Mitigation Goals: §201.6(c)(3)(i)		X
Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii)		X
Implementation of Mitigation Actions: §201.6(c)(3)(iii)		X
Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv)		X

Plan Maintenance Process	**N**	**S**
Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i)		X
Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)		X
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	
PLAN APPROVED	XX

*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.

PREREQUISITE(S)

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	SCORE MET
A. Has the local governing body adopted the plan?		This is a multi-jurisdictional plan		
B. Is supporting documentation, such as a resolution, included?				
		SUMMARY SCORE	N/A	N/A

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	SCORE MET
A. Does the plan indicate the specific jurisdictions represented in the plan?	Table 1-1on page 1-4 Appendix D	Only the listed jurisdictions and the unincorporated areas of the listed counties involved will be approved.		X
B. For each jurisdiction, has the local governing body adopted the plan?	Appendix F	Resolutions provided for each jurisdiction represented in plan.		X
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	Appendix F	Resolutions received for all jurisdictions adopting the plan.		X
		SUMMARY SCORE		X

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	SCORE MET
A. Does the plan describe **how** each jurisdiction participated in the plan's development?	Section 2 P. 2-7			X
		SUMMARY SCORE		X

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

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 jurisdictions, 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 plan?	Section 1 & 2			X
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.?)	Section 2, p.2-4, P. 2-7, Appendix D			X
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?)	Section 2, p. 2-1 through 2-6			X

D. Was there an opportunity for neighboring jurisdictions, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Section 2, p. 2-2			X
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Page 2-2			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.*

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 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.	Page 4-9 and Sections 5 through 16	Revisions provided do not address these recommended changes: It is not apparent what hazards were initially considered and what hazards were discarded from analysis due to non-applicability. **Recommended Revisions:** • Identify all hazards considered. • Describe the process for identifying hazards and list the sources used to identify hazards. The process for identifying hazards could involve: reviewing reports, plans, flood ordinances, and land use regulations, among others; talking to experts from federal, State, and local agencies and universities; searching the Internet and newspapers; and interviewing long-time residents. Provide an explanation for eliminating any hazards from consideration.		X
		SUMMARY SCORE		X

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 plan?	Sections 5 through 16	Revisions provided did not include improved map. Wildfire map in plan, Fig 11-4, is presented at a scale that is very difficult to read for the study area. This should be revised during next update of plan. Recommended Revisions: • When appropriate, identify on a map the areas affected by each identified hazard. A composite map (i.e., map showing combined information from different thematic map layers) may be provided for hazards with a recognizable geographic extent, such as floods, coastal storms, wildfires, tsunamis, and landslides if the individual hazard boundaries remain legible. • Where possible provide maps with adequate detail to clearly convey the location of the hazard.		X
B. Does the risk assessment identify the **extent** (i.e., magnitude or severity) of each hazard addressed in the plan?	Sections 5 through 16			**X**
C. Does the plan provide information on **previous occurrences** of each hazard addressed in the plan?	Sections 5 through 16			**X**
D. Does the plan include the **probability of future events** (i.e., chance of occurrence) for each hazard addressed in the plan?	Sections 5 through 16			**X**
		SUMMARY SCORE		X

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?	Sections 5 through 16	Each hazard is profiled to indicate number of people, number of buildings and value of the buildings exposed to potential damage, summarized at the County level. This provides adequate planning data even though the summary of vulnerability is not provided at participating jurisdictions below the county level.		X
B. Does the plan address the **impact** of each hazard on the jurisdiction?	Sections 5 through 16			X
		SUMMARY SCORE		X

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 plan describe vulnerability in terms of the **types and numbers** of **existing** buildings, infrastructure, and critical facilities located in the identified hazard areas?	Sections 4, and 5 through 16	Revisions provided reflect action to be taken as part of the 5 year update; to review and identify the type and number of **existing** buildings in the hazard areas. The Plan currently reflects this information for most hazards, but needs the data for critical facilities, etc. for the hazards of Hurricanes, Flooding, Pipeline Failures and Dam Failures. Information in plan for the other hazards is adequate and the change proposed in the revision will satisfy this element. **Recommended Revisions:** • For each hazard, identify the type and number of **existing** buildings, infrastructure, and critical facilities within each hazard area. • Identify the kinds of buildings (e.g., residential, commercial, institutional, recreational, industrial, and municipal);	X	

		infrastructure, (e.g., roadways, bridges, utilities, and communications systems); and critical facilities (e.g., shelters, hospitals, police, and fire stations). • Describe the process or method used for identifying existing buildings, infrastructure, and critical facilities. • If limited data are available, focus on identifying critical facilities located in the identified hazard areas and identify the collection of data for the remaining buildings and infrastructure as an action item in the mitigation strategy.		
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?	Section 3, p 3-7, Section 4, p 4-19 Section 21, p 21-4	Revisions provided reflect action to be taken as part of the 5 year update; to review and identify the type and number of **future** buildings in the hazard areas. The Plan currently reflects information related to population growth, without specific discussion of future buildings, infrastructure and critical facilities. The proposed change should satisfy this element during the next revision for the 5 year update. **Recommended Revisions:** For all profiled hazards, identify the type and number of **future** buildings, infrastructure, and critical facilities within each hazard area. Establish an **Action Item** to accomplish this.	X	
			SUMMARY SCORE	X	

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 ... .*

Element	**Location in the Plan** (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE S
A. Does the plan estimate **potential dollar losses** to vulnerable structures?	Section 4 p 4-19 Sections 5 through 16 and Section 21, p 21-3	Revisions submitted reflect action to be taken as part of the 5 year update to enhance this data. Residential and commercial buildings, critical facilities, and some infrastructure elements are included in calculating potential dollar losses for most hazards. Although wildfire, winter storms, and dam failure hazards do not include infrastructure/ critical facilities data, the discussion explains that these elements are considered exposed /affected by the hazards, but the data is not available. This discussion, with the revisions, will satisfy this element.		X

B. Does the plan describe the **methodology** used to prepare the estimate?	Section 4, p. 4-1 through 5			X
		SUMMARY SCORE		X

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 plan describe land uses and development trends?	Section 3, p. 3-6 to 3-11 and p. 31 to 33, p 21-3 to 21-4	Revisions submitted reflect action to be taken as part of the 5 year update to enhance this data. The plan now provides a land coverage map exhibit and a table of agricultural land use, but no explicit description of land use is discussed. Population growth is discussed, but no discussion of development trends is provided. **Recommended Revisions:** • Describe land use in more detail. • Describe development trends occurring within each jurisdiction (e.g., describe the types of development occurring, location, expected intensity, and pace by land use). • Overlay a land use map with identified hazard areas. • Note any data limitations for determining development trends and include in the mitigation strategy actions for collecting the data to complete and improve future vulnerability assessment efforts.	X	
		SUMMARY SCORE	X	

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 plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Section 4 p. 20, 21	Revisions provided a change to pg 4-21 to reflect that those jurisdictions not specifically named had reviewed their risks and determined they had no risks that varied from those of the region.		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.*

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 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.)	Section 17			X
		SUMMARY SCORE		X

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
A. Does the plan identify and analyze a **comprehensive range** of specific mitigation actions and projects for each hazard?	Sections 19, 20	Although an extensive range of action projects is provided, some hazards are not addressed in the range of mitigation actions. Several action items list "all hazards" to identify what hazards the action items are supposed to address. The term "all hazards" does not satisfy this requirement. Most of the action items are not actually applicable to "all" hazards, i.e. warning systems would not apply to hazards of drought, earthquake, hazardous materials incident, terrorism or winter storms. For each action item specific hazards should be listed, and this should be completed during the next plan update. **Recommended Revisions:** • List all mitigation actions/ projects considered, by hazard. • Explain the analysis followed for selecting mitigation actions and projects. (Not all of the mitigation actions identified may ultimately be included due to prohibitive costs, scale, low benefit/cost analysis ratios, or other concerns.) • Identify a comprehensive range of actions in the profile section. Individual jurisdictions can select appropriate actions for their needs. • List actions to address data limitations.		X
B Do the identified actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?	Sections 19 - 20	Specific actions included in the mitigation plan do address new buildings and infrastructure.		**X**
C. Do the identified actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?	Sections 19-20	Specific actions included in the mitigation plan do address existing buildings and infrastructure.		**X**
		SUMMARY SCORE		X

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	SCORE S
A. Does the mitigation strategy include how the actions are **prioritized**? (For example, is there a discussion of the process and criteria used?)	Page 2-4, 2-5 and page 19-1	Revisions provided detailed process and criteria for determining priority of actions.		X
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?)	Sections 19-21			X
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?	Section 2, p 2-4, 2-5, Sections 20 and 21	Revisions provided in Section 2 describe the prioritization process including cost-benefit evaluation.		X
		SUMMARY SCORE		X

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 plan include at least one identifiable **action item** for each jurisdiction requesting FEMA approval of the plan?	Section 20			X
		SUMMARY SCORE		X

PLAN MAINTENANCE PROCESS

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	SCORE 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?)	Section 21 p. 21-2 to 21-4	Revisions provide for ongoing monitoring of action projects by jurisdictions with annual reports to GBRA of any changes needed to the plan.		X
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?)	Section 21 P. 21-3	Revisions provide for detailed description of evaluation process and criteria.		X
C. Does the plan describe the method and schedule for **updating** the plan within the five-year cycle?	Section 21 P. 21-2, 21-3	Revisions satisfy the basic element providing for the 5 year review and update, with details of the process. The date, "... by Sept 2008" for completion should be corrected to 2009 (5 years), or the date could be omitted and not reflect a date, instead of having to correct this date every 5 years. On pg 21-3, it is not clear that the plan will be forwarded to the State and FEMA for the 5 year review and approval. **Recommended Revisions:** • Correct the date for completion of the 5 year review and update. • Add to last sentence, second paragraph, revision pg 21-3: "and will be forwarded to the State and FEMA for review and approval, as required, to remain eligible for the HMGP."		X
		SUMMARY SCORE		X

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	SCORE S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Section 21, p. 21-1			X
B. Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Section 21, p. 21-1, 21-2	Revisions provide for involvement of HM team members to "work to integrate" the mitigation strategy into the other plans, but the process is not described in the plan or revision. This should be more clearly indicated during the next plan update. **Recommended Revisions:** • Describe the process to incorporate the mitigation plan requirements into local planning mechanisms. Suggest wording change to the submitted revisions on pg 21-2.		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.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE N	SCORE 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?)	Section 21 p. 21-3			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 Flooding	☒	☐	See Flood	☐	See Flood	☐	See Flood	☐	See Flood
Dam Failure	☒	☐	☒	☐	☒	☐	☒	☐	☒
Drought	☒	☐	☒	☐	☒	☐	☒	☐	☒
Earthquake	☐	☐	☐	☐	☐	☐	☐	☐	☐
Expansive Soils	☐	☐	☐	☐	☐	☐	☐	☐	☐
Extreme Heat	☐	☐	☐	☐	☐	☐	☐	☐	☐
Flood	☒	☐	☒	☐	☒	☐	☒	☐	☒
Hailstorm	☒	☐	☒	☐	☒	☐	☒	☐	☒
Hurricane	☒	☐	☒	☐	☒	☐	☒	☐	☒
Land Subsidence	☐	☐	☐	☐	☐	☐	☐	☐	☐
Landslide	☐	☐	☐	☐	☐	☐	☐	☐	☐
Severe Winter Storm	☒	☐	☒	☐	☒	☐	☒	☐	☒
Tornado	☒	☐	☒	☐	☒	☐	☒	☐	☒
Tsunami	☐	☐	☐	☐	☐	☐	☐	☐	☐
Volcano	☐	☐	☐	☐	☐	☐	☐	☐	☐
Wildfire and urban fires	☒	☐	☒	☐	☒	☐	☒	☐	☒
Windstorm	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other: Thunderstorms	☒	☐	☒	☐	☒	☐	☒	☐	☒
Other Riverine flooding	☒	☐	See Flood	☐	See Flood	☐	See Flood	☐	See Flood
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 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.

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 (see flood)	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Dam Failure	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Drought	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Earthquake	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Expansive Soils	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Extreme Heat	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Flood	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Hailstorm	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Hurricane	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Land Subsidence	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Landslide	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Severe Winter Storm	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Tornado	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Tsunami	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Volcano	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Wildfire and urban fires	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
Windstorm	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐
Other: Thunderstorm	☒	☐	☒	☐	☒		☒	☐	☒	☐	☐	☒	☐	☒
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 (see flood)	☐	☐	☐
Dam Failure	☒	☐	☒
Drought	☒	☐	☒
Earthquake	☐	☐	☐
Expansive Soils	☐	☐	☐
Extreme Heat	☐	☐	☐
Flood	☒	☐	☒
Hailstorm	☒	☐	☒
Hurricane	☒	☐	☒
Land Subsidence	☐	☐	☐
Landslide	☐	☐	☐
Severe Winter Storm	☒	☐	☒
Tornado	☒	☐	☒
Tsunami	☐	☐	☐
Volcano	☐	☐	☐
Wildfire and urban fires	☒	☐	☒
Windstorm	☐	☐	☐
Other: Thunderstorm	☒	☐	☒
Other _____	☐	☐	☐
Other _____	☐	☐	☐

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?