

**Jurisdiction(s): Clallam County**

**Title of Plan: Hazard Mitigation Plan (Draft)**

**Date of Plan: Nov 03**

- Determination:  **Forwarded to FEMA X – Criteria Met / Plan Adopted**  
 (Check one)  **Forwarded to FEMA X – Criteria Met / Plan Not Adopted**  
 **Not Forwarded – Criteria Not Met / Plan Adopted or Not Adopted**

The plan determination was based upon the review of each of the following plan criteria, excluding the shaded criteria, as required in 44 CFR Part 201. For a local plan to receive State approval for forwarding to FEMA Region X, all plan criteria must receive a Satisfactory (S) rating and the letter of transmittal must indicate whether the plan has been adopted by the governing body or whether the local jurisdiction wishes an evaluation against the criteria. An Unsatisfactory (U) rating indicates the criteria were not addressed and the Needs Improvement (N) rating indicates additional information is needed to meet the criteria.

	<b>U</b>	<b>N</b>	<b>S</b>
3.1.1* Adoption by the Local Governing Body .....			NA
3.1.2 Multi-Jurisdictional Plan Adoption .....			NA
3.1.3 Multi-Jurisdictional Planning Participation .....			X
3.2.1 Documentation of Planning Process .....		X	
3.3.1 Identifying Hazards .....			X
3.3.2 Profiling Hazard events .....			X
3.3.3 Assessing Vulnerability: Identifying Assets.....			X
3.3.4 Assessing Vulnerability: Estimating Potential Losses .....			NA
3.3.5 Assessing Vulnerability: Analyzing Development Trends .....			NA
3.3.6 Multi-Jurisdictional Risk Assessment .....			X
3.4.1 Local Hazard Mitigation Goals .....			X
3.4.2 Identification and Analysis of Mitigation Measures .....			X
3.4.3 Implementation of Mitigation Measures .....		X	
3.4.4 Multi-Jurisdictional Mitigation Strategy .....			
3.5.1 Monitoring, Evaluating, and Updating the Plan .....		X	
3.5.2 Implementation through Existing Programs .....			X
3.5.3 Continued Public Involvement .....		X	

\* The numbers correlates to the system used in the FEMA "Regional and State Mitigation Planning Workshop - Student Manual."

**Comments:**

Plan shows results of careful hazard identification and analysis. Excellent use of maps and tables. Documentation of Planning Process and Implementation of Mitigation Measures can meet criteria with slight adjustments and additions. Part IV needs to be written in narrative form and address the factors contained in the law. This community needs to develop and describe a process for how the County and local jurisdiction will go through updates, how they will monitor mitigation actions and provide the general public an opportunity to make inputs to the plan. For State purposes the Steering Committee is not considered a public forum as it is composed of representatives of the governing bodies.

*Adopting the plan is not a mitigation strategy by itself – does not reduce the impacts of future events. Could not find any reference for citizen type projects (acquisition, relocation, elevation, etc.) Plan is short on potential projects Please refer to the attached Local Hazard Mitigation Plan Review Worksheet for additional information and comments on each criteria.*

**State Reviewer: Consolidated Comments**

**Date: 5 Dec 03**

**State Mitigation Plan Manager:**

**Date:**

**3.1.1 Adoption by the Local Governing Body**

		NOT MET	MET
<b>Requirement §201.6(c)(5)</b> <i>[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)...</i>			NA
A.	Does the local plan identify who the appropriate approving entity/person is given their form of local government?	X	
B.	Is the local plan approved by that entity/person?		NA
C.	Is supporting documentation such as a resolution included?		NA

**3.1.2 Multi-jurisdictional Plan Adoption**

		NOT MET	MET
<b>Requirement §201.6(c)(5)</b> <i>For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.</i>			
A.	Does the plan indicate the specific jurisdictions are being represented in the plan?		X
B.	For each jurisdiction, does the local plan identify who the appropriate approving entity/person is given their form of local government?	X	
C.	Is the local plan approved by each jurisdictions appropriate entity/person?		NA
D.	Are supporting documentations such as resolutions included?		NA

**3.1.3 Multi-jurisdictional Participation**

		NOT MET	MET
<b>Requirement §201.6(a)(3)</b> <i>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.</i>			X
A.	Does the plan identify <b>how</b> each jurisdiction participated in the plan's development?		X

**LOCAL HAZARD MITIGATION PLAN REVIEW WORKSHEET**

Washington State

Jurisdiction:

Title of Plan:

Date of Plan:

**3.2.1 Documentation of the Planning Process**

**Requirement §201.6(c)(1):** *[The plan **must** 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.*

		U	N	S
			X	
A.	Does the plan <b>provide a narrative description</b> that explains the plan’s development process, including who led the development at the staff level and any external contributors such as contractors?			X
B.	Does the plan list who was involved and how they contributed to the planning process? (e.g., participated on plan committee, provided information, reviewed drafts)			X
C.	Does the plan indicate how the public was involved?		X	

**3.3.1 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...*

		U	N	S
				X
A.	Does the plan include a <b>description</b> of the types of <b>all natural hazards</b> that affect the jurisdiction?  <b>DESCRIPTION</b> - explain the characteristics of each hazard (e.g. for flooding hazard, is it coastal, riverine, stormwater)  <b>ALL NATURAL HAZARDS</b> - all probable hazards. For northwest communities, hazards include flood, earthquake, wind, and fire, and, possibly, tsunamis, volcano, winter storms. Human-caused hazards (HAZMAT, Terrorism) may also be identified in the plan, but is not required.			X

Jurisdiction:

Title of Plan:

Date of Plan:

**3.3.2 Profiling Hazard Events**

**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.

		U	N	S
				X
A.	Does the risk assessment identify the <b>location</b> of each hazard being addressed in the plan?	Documented in Section II.2, Table II-3 and maps		X
B.	Does the risk assessment identify the <b>extent</b> of each hazard being addressed in the plan?	Documented in Table II-2, Table II-3 and Section II.2		X
C.	Does the plan provide <b>information</b> on the <b>previous occurrences</b> of each natural hazard?	Documented in Table II-2, Table II-3 and Section II.2		X
D.	Does the plan include the probability of future hazard events?	Documented in Table II-2 and Section II.2		X

**3.3.3 Assessing Vulnerability: Identifying Assets**

**Requirement §201.6(c)(2) (ii)(A):** [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. 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 areas...

		U	N	S
				X
A.	Does the plan include an overall summary description of the jurisdiction’s <b>vulnerability</b> to the hazards?	Documented in Section II.3		X
B.	Does the plan address the <b>impacts</b> of the hazards on the community?	Documented in Section II.3 and Table II.4		X

**3.3.4 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...

		U	N	S
				N A
A.	Does the plan estimate potential dollar losses to vulnerable structures?	CRITERIA NOT REQUIRED Documented partially in Table II-2		X

Jurisdiction:

Title of Plan:

Date of Plan:

**3.3.5 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.]*

U	N	S
		N A

A. Does the plan describe future land use and development trends?	<b>CRITERIA NOT REQUIRED</b> Section II. 4.2 doesn't really describe land use and development trends in Clallam County		X	
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**3.3.6 Multi-Jurisdictional Risk Assessment**

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

U	N	S
		X

A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Documented in Section II.4.3			X
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**3.4.1 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.]*

U	N	S
		X

A. Does the plan include a description of mitigation goals?	Documented in Part III. Some wording disconnects between 5 goals in Part III and referenced goals (4) in Part II.4.2. Please fix the disconnects			X
<b>GOALS</b> - general guidelines that explain what the community wants to achieve. Goals are usually long-term and represent global visions, such as "eliminate flood damage."				X

**3.4.2 Identification and Analysis of Mitigation Measures**

**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*

U	N	S
		X

**LOCAL HAZARD MITIGATION PLAN REVIEW WORKSHEET**

Jurisdiction: \_\_\_\_\_ Title of Plan: \_\_\_\_\_ Date of Plan: \_\_\_\_\_

A.	Does the plan identify a comprehensive range of specific mitigation actions and projects for each hazard?	Yes – Hazards mitigated by each action could be identified with each action to better clarify and focus.			X
B.	Does the identified range of mitigation actions and projects include an approach to reduce the effects of hazards on new buildings and infrastructure?	Yes – Identified in Table II-5 although building codes are not addressed.			X
C.	Does the identified range of mitigation actions and projects include an approach to reduce the effects of hazards on existing buildings and infrastructure?	Yes – Identified in Section III.2			X

**3.4.3 Implementation of Mitigation Measures**

**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.

U	N	S
	X	

A.	Does the mitigation strategy include how the actions will be prioritized?	Table III-1 begins to show factors used by jurisdictions but the section does not describe a process used by the jurisdiction. This needs additional detail on how the table was used.		X	
B.	Does the mitigation strategy address how the actions will be implemented? (i.e. existing resources and potential future resources)	Documented with each action in section III.2			X
C.	Does the mitigation strategy address how the actions will be administered? (lead agency and timeline)	Most actions have appropriate level in detail designation of lead agency. Port of Port Angeles, City of Forks and Olympia Medical Center need more specificity. Timelines are good.		X	
D.	Does the mitigation strategy reflect an emphasis on the use of cost-benefit analysis?	No. Need to list Cost Benefit Review as a factor in Table III-1 and describe using FEMA approved C/B when applying for FEMA funds.		X	

**3.4.4 Multi-jurisdictional Mitigation Strategy**

**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.

U	N	S
		X

A.	Does the plan include separate, identifiable action items for each jurisdiction requesting State approval of the plan?	Documented in Section III.2			X
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**LOCAL HAZARD MITIGATION PLAN REVIEW WORKSHEET**

Washington State

Jurisdiction:

Title of Plan:

Date of Plan:

**3.5.1 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.*

U	N	S
	X	
	X	
X		

A.	Does the plan describe the method for monitoring the plan? (i.e. both staff position responsible for monitoring and the department overseeing the monitoring)	Part IV needs to be written in narrative form. Part IV is very immature. Describe the process used in Clallam County and how jurisdictions participate in the updates.		X	
B.	Does the plan describe a schedule for monitoring, evaluating, and updating the plan within the five-year cycle?	Not addressed in plan. Describe processed used to update plan on a five year schedule at a minimum of the county level.	X		

**3.5.2 Implementation Through Existing Programs**

**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...*

U	N	S
		X
		X
		X

A.	Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Table II-5 shows where current mitigation activities are located in current regulations, policies, etc.			X
B.	Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Actions to incorporate the plan into other jurisdiction planning documents with the exception of the Jamestown S'Klallam tribe are in section III.2.			X

**3.5.3 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.*

U	N	S
	X	
	X	

A.	Does the plan explain how continued public participation will be obtained? (e.g., public notices, an on-going mitigation plan committee, annual review meeting with stakeholders)	Need to describe Comprehensive Plan process in greater detail. Public opinion needs to be solicited for updates.		X	
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**- END REVIEW CHECKLIST -**