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KITTITAS COUNTY BOARD OF COMMISSIONERS

DPW
Judy P.

July 27, 2012

Honorable Paul Jewell
Chairman, Kittitas County Board of Commissioners
205 West 5th Avenue, Suite 108
Ellensburg, Washington 98926-2887

Dear Chairman Jewell:

The U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) has approved the ***Kittitas County Hazard Mitigation Plan*** as a multi-jurisdictional local plan as outlined in 44 CFR Part 201. With approval of this plan, the following entities are now eligible to apply for the Robert T. Stafford Disaster Relief and Emergency Assistance Act's hazard mitigation project grants through July 27, 2017:

Kittitas County	City of Ellensburg	City of Cle Elum
City of South Cle Elum	City of Roslyn	Cle Elum School District
Kittitas County Fire District # 1	Kittitas County Fire District # 7	Kittitas County Fire District # 8
Kittitas Public Utility District # 1	Cle Elum-Roslyn School District # 404	Snoqualmie Pass Utility District

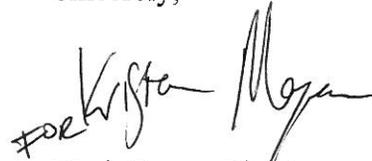
The plan's approval provides the above jurisdictions eligibility to apply for hazard mitigation projects through your State. All requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs. Approved mitigation plans may be eligible for points under the National Flood Insurance Program's Community Rating System (CRS). Additional information regarding the CRS can be found at www.fema.gov/business/nfip/crs.shtm or through your local floodplain manager.

Over the next five years, we encourage your communities to follow the plan's schedule for its monitoring and updating, and to develop further mitigation actions. The plan must be reviewed, revised as appropriate, and resubmitted for approval within five years in order to continue project grant eligibility.

Chairman Jewell
July 27, 2012
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If you have questions regarding your plan's approval or FEMA's mitigation grant programs, please contact our State counterpart, Washington Emergency Management Division, which coordinates and administers these efforts for local entities.

Sincerely,

A handwritten signature in black ink, appearing to read "Krista Moja". The signature is written in a cursive style with a large initial "K".

Mark Carey, Director
Mitigation Division

Enclosure

cc: Mark Stewart, Washington Emergency Management Division

BH:bb

APPENDIX A: LOCAL MITIGATION PLAN REVIEW TOOL

The *Local Mitigation Plan Review Tool* demonstrates how the Local Mitigation Plan meets the regulation in 44 CFR §201.6 and offers States and FEMA Mitigation Planners an opportunity to provide feedback to the community.

- The Regulation Checklist provides a summary of FEMA’s evaluation of whether the Plan has addressed all requirements.
- The Plan Assessment identifies the plan’s strengths as well as documents areas for future improvement.
- The Multi-jurisdiction Summary Sheet is an optional worksheet that can be used to document how each jurisdiction met the requirements of the each Element of the Plan (Planning Process; Hazard Identification and Risk Assessment; Mitigation Strategy; Plan Review, Evaluation, and Implementation; and Plan Adoption).

The FEMA Mitigation Planner must reference this *Local Mitigation Plan Review Guide* when completing the *Local Mitigation Plan Review Tool*.

Jurisdiction: Kittitas County, Washington	Title of Plan: Kittitas County Hazard Mitigation Plan	Date of Plan: April 2012
Local Point of Contact: Christina Wollman	Address: Kittitas County 205 West 5th Avenue, Suite 108 Ellensburg, Washington 98926	E-Mail: christina.wollman@co.kittitas.wa.us
Title: Planner II/Floodplain Manager		
Agency: Department of Public Works		
Phone Number: 509-962-7051		

State Reviewer:	Title:	Date:
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FEMA Reviewer: Hilary Kendro Nathan Slaughter Brett Holt	Title: STARR STARR FEMA	Date: 6/15/2012 6/21/2012 6/25/2012
Date Received in FEMA Region X	June 7, 2012	
Plan Not Approved		
Plan Approvable Pending Adoption	June 25, 2012	
Plan Approved	July 27, 2012	

**SECTION 1:
REGULATION CHECKLIST**

1. REGULATION CHECKLIST Regulation (44 CFR 201.6 Local Mitigation Plans)	Location in Plan (section and/or page number)	Met	Not Met
ELEMENT A. PLANNING PROCESS			
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))	Volume 1, Part 1, Chapter 2, Sections 2.2, 2.3, 2.5, pp. 2-1 to 2-4	X	
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))	Volume 1, Part 1, Chapter 2, Section 2.6, p. 2-4	X	
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))	Volume 1, Part 1, Chapter 2, Section 2.8, pp. 2-5 to 2-11	X	
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))	Volume 1, Part 1, Chapter 2, Section 2.7, pp. 2-4 to 2-5; Volume 1, Part 2, Chapter 5, Section 5.9, pp. 5-16 to 5-20	X	
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))	Volume 1, Part 3, Chapter 17, Section 17.5.5 p. 17-6	X	
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))	Volume 1, Part 3, Chapter 17, Section 17.5, pp. 17-4 to 17-6	X	
<u>ELEMENT A: REQUIRED REVISIONS</u>			

ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT			
B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))	Volume 1, Part 2, Chapters 6 through 14, Sections 6.1, 6.2.2, 6.2.4, 7.1, 7.2.2, 7.2.4, 8.1, 8.2.2, 8.2.4, 9.1, 9.2.2, 9.2.4, 10.1, 10.2.5, 10.2.7, 11.1, 11.2.2, 11.2.4, 12.1, 12.2.2, 12.2.4, 13.1, 13.2.2, 13.2.4, 14.1, 14.2.4, 14.2.6; pp. 4-1 to 14-5	X	
B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement §201.6(c)(2)(i))	Volume 1, Part 2, Chapter 5, Section 5.3, p. 5-3; Volume 1, Part 2, Chapters 6 through 14, Sections 6.2.1, 6.2.3, 7.2.1, 7.2.3, 8.2.1, 8.2.3, 9.2.1, 9.2.3, 10.2.4, 10.2.6, 11.2.1, 11.2.3, 12.2.1, 12.2.3, 13.2.1, 13.2.3, 14.2.3, 14.2.5; pp. 6-2 to 14-5; Volume 1 Part 2, Chapter 15, Section 15.1, p. 15-1	X	
B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))	Volume 1, Part 2, Chapters 6 through 14, Sections 6.6, 7.6, 8.6, 9.6, 10.6, 11.6, 12.6, 13.5, 14.6; pp. 6-5 to 14-11; Volume 1, Part 2, Chapter 15, Section 15.2, pp. 15-1 to 15-3	X	
B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))	Volume 1, Part 2, Chapter 10, Section 10.6.2, pp. 10-16 to 10-19	X	
<u>ELEMENT B: REQUIRED REVISIONS</u>			

ELEMENT C. MITIGATION STRATEGY			
C1. Does the plan document each jurisdiction’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement §201.6(c)(3))	Volume 2, Parts 2 through 5, Chapters 2 through 13, Sections Jurisdiction Profile and Capability Assessment of each chapter, pp. 2-1 to 13-3	X	
C2. Does the Plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement §201.6(c)(3)(ii))	Volume 1, Part 2, Chapter 10, Section 10.6.2, pp. 10-16 to 10-19	X	
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))	Volume 1, Part 1, Chapter 3, Section 3.2, p. 3-1	X	
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))	Volume 1, Part 3, Chapter 16, Tables 16-1 to 16-8, pp. 16-2 to 16-10; Volume 1, Part 3, Chapter 17, Table 17-1, p. 17-2; Volume 2, Parts 2 through 5, Chapters 2 through 13, Tables 2-7 to 13-4 (Hazard Mitigation Action Plan Matrix), pp. 2-7 to 13-5	X	
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))	Volume 1, Part 3, Chapter 17, Section 17.3, p. 17-3; Volume 2, Parts 2 through 5, Chapters 2 through 13, Tables 2-8 to 13-5 (Mitigation Strategy Priority Schedule), pp. 2-12 to 13-6	X	
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))	Volume 1, Part 3, Chapter 17, Section 17.5.6, pp. 17-6 to 17-7	X	
<u>ELEMENT C: REQUIRED REVISIONS</u>			

ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION (applicable to plan updates only)			
D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))	N/A	X	
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))	N/A	X	
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))	N/A	X	
<u>ELEMENT D: REQUIRED REVISIONS</u> This section is not applicable because this is a new plan.			
ELEMENT E. PLAN ADOPTION			
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))	Volume 1, Appendix D	X	
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))	Volume 1, Appendix D	X	
<u>ELEMENT E: REQUIRED REVISIONS</u>			
ELEMENT F. ADDITIONAL STATE REQUIREMENTS (OPTIONAL FOR STATE REVIEWERS ONLY; NOT TO BE COMPLETED BY FEMA)			
F1.			
F2.			
<u>ELEMENT F: REQUIRED REVISIONS</u>			

SECTION 2: PLAN ASSESSMENT

The *Kittitas County, Washington Hazard Mitigation Plan* (to be abbreviated as “the Plan” for the remainder of this assessment) was written to comply with the Local Hazard Mitigation Plan Crosswalk – July 1, 2008 (2008 Crosswalk). While the Plan was under development, FEMA released the Local Mitigation Plan Review Guide and Tool – October 1, 2011 (2011 Guide and Tool) for optional use until October 1, 2012, at which time it will become mandatory. The 2011 Guide and Tool were used to review the Plan so Kittitas County will be aware of the expectations for the 2017 plan update. Any criteria included in the 2011 Guide and Tool that are not included in the 2008 Crosswalk were not enforced on the Plan, but are highlighted in the Regulation Checklist above for inclusion in the next update of the Kittitas County Plan.

A. Plan Strengths and Opportunities for Improvement

This section provides a discussion of the strengths of the plan document and identifies areas where these could be improved beyond minimum requirements.

Element A: Planning Process

Plan Strengths:

- The seven phase planning process described in the Plan includes actions focused on involving the public by various methods of participation including questionnaires distributed as hard copies and online, four public meetings, local newspaper press releases, and internet solicitation. The Plan identifies the number of attendees per public meetings and the total number of completed questionnaires received. The questionnaire results are published in Appendix B of the Plan.
- A website was created and maintained throughout the planning process to keep the public informed of all plan development. A mitigation initiative is identified in the Plan to encourage continued public involvement through the use and maintenance of the established website. Each jurisdiction has agreed to provide links on their individual jurisdictional websites to the County’s hazard mitigation plan website to increase public awareness and continued participation.
- The Planning Partnership and Steering Committee are composed of a range of knowledgeable individuals from the County and participating communities, including key public and private stakeholders from local fire districts, hospitals, school districts, and water districts.
- The Plan describes a process for regular review and update as well as annual progress reports evaluating the hazard mitigation action process.

Opportunities for Improvement:

- Indicate and describe how public comments or concerns identified during public meetings and/or questionnaire review were addressed in the Plan.

Element B: Hazard Identification and Risk Assessment

Plan Strengths:

- The Plan includes future trends in development for each identified hazard. The Plan describes if and how future development in the planning area will be susceptible to potential impacts from the identified hazards.
- The Plan uses Hazus to estimate loss calculations for flood, dam failure, and earthquakes events. The Hazus data analysis methodology and results are included in the Plan. At two open house public meetings a Hazus workstation was available to demonstrate to citizens the potential risks related to certain hazard events.
- The Plan includes detailed hazard profiles for all of the identified hazards as well as location specific hazard related descriptions for each included jurisdiction.

- For each identified hazard, at risk and vulnerable populations, property, environments, and critical facilities and infrastructure are identified and described.
- Maps are used to clearly delineate the locations of at-risk areas for each identified hazard.

Opportunities for Improvement:

- Identify any data gaps that could be filled in or revised as new data becomes available.

Element C: Mitigation Strategy

Plan Strengths:

- Good linkages are made between the hazard risk, community vulnerability, and mitigation strategy for each identified hazard. Additional linkages are also made between the hazards, goals, and proposed mitigation actions within each jurisdiction.
- The Plan identified and describes mitigation activities and system effective in the County and each jurisdiction. The Plan's identified mitigation initiatives support the current activities and systems and encourage further progression.
- The Plan describes initiatives to support hazard mitigation within both the County and each jurisdiction. Each initiative has an identified responsible agency, potential funding sources, and timeline.
- The Plan promotes organization and cohesion between the Plan and future jurisdictional plans by providing instructions and templates for jurisdictions intending to participate as annexes in the Plan.

Opportunities for Improvement:

- Include explanations and/or descriptions as to why included jurisdiction may not have applicable regulations and plans identified.
- In tables and graphics pertaining to the analysis of mitigation initiatives, provide references indicating that the numbers in the tables correlate with an identified mitigation initiative. Currently there is no information as to what these number reference.

Element D: Plan Update, Evaluation, and Implementation (Plan Updates Only)

This section is not applicable because this is a new plan.

B. Resources for Implementing Your Approved Plan

- Preliminary Floodplain Maps for Kittitas County will be available later this summer. Contact Kelly Stone at kelly.stone@fema.dhs.gov for more information.
- The Local Mitigation Plan Review Guide and Tool – October 1, 2011 is available through FEMA's Library and should be referred to for the 2016 plan update. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=4859>
- Another resource that will be available for use during the next plan update is a plan development and update handbook. The handbook is currently under development and will be released in Fall 2012. Once released it will be available through FEMA's mitigation planning resources website. <http://www.fema.gov/plan/mitplanning/resources.shtm>
- The FEMA Region X Risk Mapping, Analysis, and Planning program (RiskMAP) releases a monthly newsletter that includes information about upcoming events and training opportunities, as well as hazard and risk related news from around the Region. Past newsletters can be viewed at <http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Pages/default.aspx>. If you would like to receive future, email rxnewsletter@starr-team.com.
- The mitigation strategy includes projects that are eligible for FEMA's grant programs. Contact the State Hazard Mitigation Officer, Mark Stewart, at m.stewart@emd.wa.gov for application information.

**SECTION 3:
MULTI-JURISDICTION SUMMARY SHEET (OPTIONAL)**

INSTRUCTIONS: For multi-jurisdictional plans, a Multi-jurisdiction Summary Spreadsheet may be completed by listing each participating jurisdiction, which required Elements for each jurisdiction were 'Met' or 'Not Met,' and when the adoption resolutions were received. This Summary Sheet does not imply that a mini-plan be developed for each jurisdiction; it should be used as an optional worksheet to ensure that each jurisdiction participating in the Plan has been documented and has met the requirements for those Elements (A through E).

MULTI-JURISDICTION SUMMARY SHEET												
#	Jurisdiction Name	Jurisdiction Type (city/borough/township/village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
1	Kittitas County	County	Christina Wollman	411 N Ruby Street, Suite 1 Ellensburg, WA 98926	christina.wollman@co.kittitas.wa.us	509-962-7523	Y	Y	Y	Y	Y	Y
2	Cle Elum	City	Dave Campbell	301 Pennsylvania Ave Cle Elum, WA. 98922	chiefcampbell5101@gmail.com	509-304-6140	Y	Y	Y	Y	Y	Y
3	Ellensburg	City	Mike Smith	501 N. Anderson Ellensburg, WA 98926	smithm@ci.elleensburg.wa.us	509-962-7231	Y	Y	Y	Y	Y	Y
4	Roslyn	City	Mitchel Long	PO Box 451 Roslyn, WA 98941	publicworks@nlandnet.com	509-649-3105	Y	Y	Y	Y	Y	Y
5	S. Cle Elum	Town	Jim DeVere	P.O. Box 160 South Cle Elum, WA 98943	sce@inlandnet.com	(509)674-4322	Y	Y	Y	Y	Y	Y
6	FD#1	Fire District	DJ Evans	10700 N. Thorp Hwy Thorp Wash. 98946	kcf11@ellitel.net	509-964-2435	Y	Y	Y	Y	Y	Y

MULTI-JURISDICTION SUMMARY SHEET

#	Jurisdiction Name	Jurisdiction Type (city/borough/township/village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
7	FD#7	Fire District	Russell Hobbs	11042 Teanaway Rd. Cle Elum, WA 98922	chief_hobbs@yahoo.com	509-674-4880	Y	Y	Y	Y	Y	Y
8	FDE#8	Fire District	Monty Moore	PO Box 618 Easton, WA 98925	montim@aol.com	206-617-4521	Y	Y	Y	Y	Y	Y
9	Snoqualmie Pass Utility	District	Terry Lenihan	PO Box 131 Snoqualmie Pass, WA 98068	tlenihan@snoqualmiepass.org	(425) 434-6633	Y	Y	Y	Y	Y	Y
10	Kittitas PUD	District	Matthew Boast	1400 Vantage Highway Ellensburg, WA 98926	matt.boast@kittitaspu.com	509-933-7193	Y	Y	Y	Y	Y	Y
11	Kittitas School District # 403	District	Monty Sabin	505 N. Pierce Street Kittitas, WA 98934	sabinm@kittitas.wednet.edu	509.968.3115	Y	Y	Y	N	Y	Y
12	CleElum-Roslyn School District #404	District	Bill Davis	2690 SR 903 Cle Elum, WA 98922	davisbi@cleelum.wednet.edu	509-649-4853	Y	Y	Y	Y	Y	Y
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17												
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