

Meeting Date/Time/Location	Wednesday, May 25, 2016 from 1PM-3PM Confluence Technology Center, 285 Technology Center Way, Wenatchee, WA
Subject	Flood Hazard Mitigation Comprehensive Plan Participatory Stakeholder Committee Meeting #9
In Attendance	Jason Detamore, Eric Pierson, Lauren Loeb sack (CCPW), Tim Larson, Rob Flaner, Patricia Robinson (TetraTech), Michelle Gilbert (Dept. of Ecology), Gary Owen, Jeremy Hoover (City of Wenatchee), Dave Carlton (DKCarlton Associates), Mike Cushman (Cascadia Conservation District), Jason Peterson (USFS), Phylisha Olin, Casey Headlee (Community Development).
Summary Prepared By	Lauren Loeb sack
Quorum	Yes

Item	Action
<p>Welcome & Introductions</p> <p>Bob Whitehall called the meeting to order and asked for introductions, and all around the table shared their name and the organization they are representing. The agenda was reviewed and there were no additions from the committee.</p> <p>There were no members of the public in attendance.</p> <p>Risk Assessment Update</p> <p>Rob presented the Risk Assessment map. The map is for 100 and 500 year flood events because FEMA does not have data for 10, 25 and 50 year events. This information will still give a good approximation of risk.</p> <p>During public open houses, individuals will be able to look up a single parcel with ortho photos and be provided monetary estimations of potential damages.</p> <p>With regard to FEMA updating their flood maps, Mike C. asked what affects this will have on our plan, etc. These maps are used for flood insurance and do not necessarily represent what will happen in a flood. It is likely that more homes will fall into a flood zone based on updated maps.</p> <p>The Hazus mapping is a software that creates a depth grid based on historic, known flooding and topography. It also evaluates the structure's assessed value and construction date. The construction date gives an indicator about applicable codes under which the structure was built and helps estimate damage (ex. a house built prior to the code for 3' free board will have more exposure to flood damage).</p> <p>Critical facilities are calculated not just by physical property damage but calculated downtime. There are also rates for impact to roads, drainage, pipes, bridges, culverts, etc. but only when they fall within the flood plain.</p>	<p>Eric P. moved to the accept summary. Mike C. seconded it and the motion passed unanimously.</p> <p>Jason D. will discuss with the City of Wenatchee what information they are interested in from this data.</p>

We are establishing a baseline for future data and to establish a mean.

Draft Action Plan

A preliminary action plan has been developed to give the committee something to consider upon. The role of objectives will prioritize the actions. The more objectives met with an action, the higher the priority.

The benefits of some of these actions were qualitatively assessed, as some are programmatic and results will be slow to accumulate and over the long term. Timeline: short term equals 5 years (life of plan) and long term is beyond that.

Rob reviewed each item on the draft action plan matrix with the committee. Comments were noted in the draft matrix (see attached).

Adjourn

There will be no meeting in June. Next meeting will be Wednesday, July 27, 2016 at 1PM.

Tim L. motioned to move forward with presenting this information to the public and Michelle G. seconded it. Motioned was approved unanimously.

Bob W. asked for a motion to approve the draft to share with the public. Jason P. motioned and Eric P. seconded the motion. Motioned was approved unanimously.

Lauren will send out the action plan draft to all stakeholder members for any further comments prior to next meeting.

Lauren will also send out notices and meeting requests when the public meetings have been confirmed.

Bob W. adjourned the meeting.



Chelan County
FCZD Participatory Stakeholder Meeting #9
May 25, 2016 at Confluence Technology Center

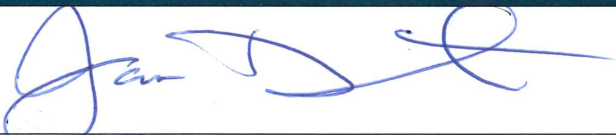
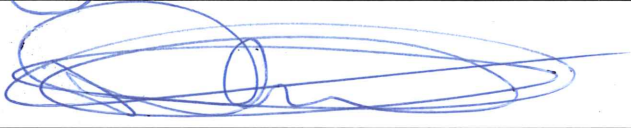
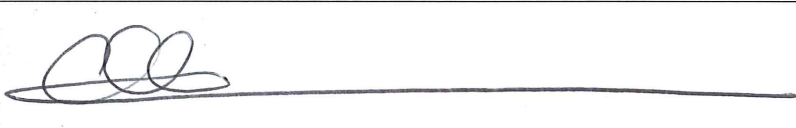
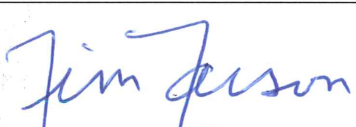
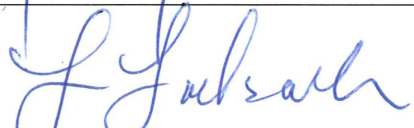
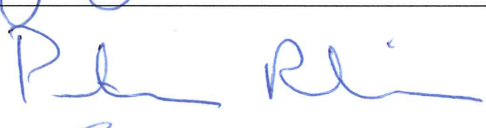
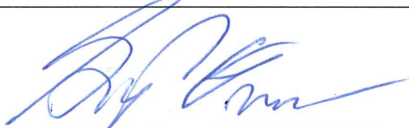
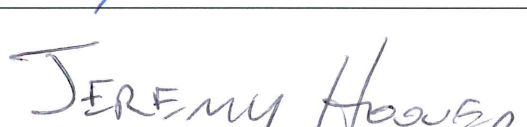
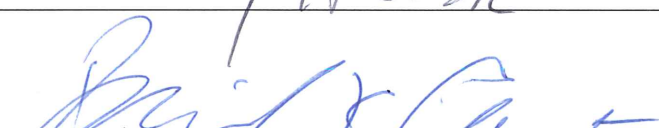
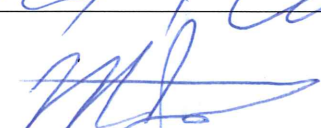
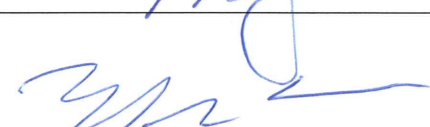
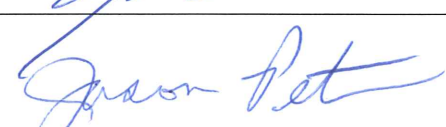
NAME	SIGNATURE
JASON DETAMORE	
Anylisha Olin	
Casey Headlee	
TIM LARSON	
Lauren Loebuck	
Patricia Robinson	
Gary Owen	
Jeremy Houser	
Drew Carter	
Michelle Gilbert	
MIKE LUSHMAN	
JASON PETERSON	

TABLE
HAZARD MITIGATION ACTION PLAN MATRIX

Any additional sources?
ACOE, HUD??

Impact to District
Fund the action?

Applies to new
or existing
assets

Flood Hazards Mitigated Objectives Met Lead Agency Estimated Cost Sources of Funding Timeline

Initiative #1- Define regional floodplain management consistency pursuant to RCW 86.12 for the planning area. This definition will strive to exceed minimum NFIP standards and will be developed thru a facilitated planning effort with all cities within Chelan County.

New and Existing	Any regulated floodplain		FCZD, Community Development, All Chelan County Cities	Medium	FCZD	Short-term
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Initiative #2- Chelan County will continue with the Community Rating System (CRS) application and classification process and will mentor Chelan County cities that show interest in CRS participation.

New and Existing	All floodplains		FCZD, Community Development, All Chelan County Cities	Low	FCZD, cities	Short-term
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Initiative #3- Define floodplain mapping criteria that takes into account future floodplain conditions and/or expected worst case conditions to be applied to all future flood studies within the planning area.

New and Existing	All floodplains		Public Works, FCZD, Stormwater Utility	Low	FCZD, Stormwater Utility	Long-term
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Initiative #4- Identify alternative sources of funding to leverage FCZD funding to perform new flood studies in identified areas of need based on risk.

New and Existing	All areas of known flood risk		FCZD	High	FCZD, identified alternative funding sources, HUD	Long term
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Initiative #5- Inform all future mapping by maintaining a database on known flood risk that tracks historical flood conditions to include, but not limited to: high water marks, recorded damages, photos, observed flood conditions, etc.

New and Existing	All areas of known flood risk		FCZD, Public Works, Stormwater Utility	Medium	FCZD	Long-term
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WESTSIDE COUNTY
EXAMPLES

**TABLE_
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new
or existing
assets

Flood Hazards Mitigated Objectives Met Lead Agency Estimated Cost Sources of Funding Timeline

Initiative #6- Continue to implement the Stormwater Management Program that includes facility identification, design, construction and maintenance within the stormwater utility jurisdictional authority.

New and Existing	Surface water flooding		Stormwater Utility	Low	Stormwater Utility	Short-term, ongoing
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Initiative #7- For areas outside of the Stormwater Utility, clearly define the stormwater management program based on existing programs and capabilities.

New and Existing	Surface water flooding		Public Works, All other cities	High	Road Fund	Short-Term
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Initiative #8- Develop a facility maintenance operations and maintenance protocol for FCZD funded facilities as they are developed.

New	All flooding		FCZD	High Medium	FCZD	Long-term
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Initiative #9- Investigate solutions to issues associated with modification to the landscape that increase runoff, including sediment, to adjacent properties and infrastructure.

New	Erosion based flooding		Public Works, Community Development, Conservation District off, All cities	Medium	Public Works Responsibility entity	Short-term
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Initiative #10- FCZD will act as the applicant agent for mitigation grant opportunities for private property requesting to participate in the grant program

Existing	All flooding		FCZD	Medium	Grant funding with private property owner contribution	Long term
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Initiative #11- Develop a flood informational website on the FCZD web page.

New and Existing	All flooding		FCZD	Low	FCZD	Short-term
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Initiative #12- Deploy public information and outreach program targeting at risk properties within the planning area.

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CONTINUE INVESTIGATION

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**TABLE _
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new
or existing
assets

	Flood Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
New and Existing	All flooding		FCZD	Low	FCZD	Short-term
Initiative #13- Coordinate with FEMA Region X on deploying flood insurance workshops for agents, lenders and citizens within the performance period for this plan.						
New and Existing	All FEMA mapped flooding		FCZD, FEMA	Low	FCZD, FEMA Region X	Short-Term
Initiative #14- Construct an additional debris basin in No. 1 Canyon.						
New	Alluvial fan flooding		FCZD, Stormwater Utility, City of Wenatchee	Medium	FCZD, City of Wenatchee, possible grant funding	Short-term
Initiative #15- Identify feasible solution to Slide Ridge debris flow issues.						
New and Existing	Alluvial fan flooding		FCZD	High	FCZD, possible grant funding	Long-term
Initiative #16- Investigate feasible solutions to flood issues within No. 2 Canyon.						
New and Existing	Alluvial fan, post-fire flooding		FCZD, City of Wenatchee	High	FCZD, City of Wenatchee, possible grant funding	Long-term
Initiative #17- Investigate feasible solutions to flood issues within Dry Gulch (south of City of Wenatchee).						
New and Existing	Alluvial fan, post-fire flooding		FCZD, City of Wenatchee	High	FCZD, City of Wenatchee, possible grant funding	Long-term
Initiative #18- Investigate feasible solutions to flood issues within Mission Creek.						

**TABLE
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new
or existing
assets

	Flood Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
New and Existing	Riverine flooding		FCZD, City of Cashmere	High	FCZD, City of Cashmere, possible grant funding	Long-term
Initiative #19- Coordinate with City of Cashmere on options for the maintenance and management of the levee system within the city.						
Existing	Riverine		FCZD, City of Cashmere	High	FCZD, City of Cashmere, possible grant funding	Long-term
Initiative #20- Maintain database of flood control needs within the planning area as needs become identified for incorporation into future updates and progress reporting to this plan.						
New and existing	All flooding		FCZD	Low	FCZD	Long-term
Initiative #21- Mitigate flood related risk to publicly owned bridges.						
Existing	All flooding		Public Works, FCZD	High	FCZD, Public Works, possible grant funding	Long-term
Initiative #22- Maintain the county Critical Areas Ordinance (CAO) pursuant to the requirements of the State Growth Management Act.						
New and existing	Frequently flood areas under jurisdiction of CAO		Community Development	Low	Community Development	Long-term
Initiative #23- Identify feasible opportunities with like goals for natural resource protection within identified flood risk areas based on available funding.						

**TABLE _
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new
or existing
assets

Flood Hazards Mitigated Objectives Met Lead Agency Estimated Cost Sources of Funding Timeline

New and existing	All flooding		FCZD, Natural Resource Department (County), Conservation District, fisheries enhancement groups	Low	Grants	Long-term
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Initiative #24- Coordinate with watershed planning and program implementation to identify opportunities to leverage available funding for like goals between watershed and FCZD plans and programs. *Ag/ Stewardship Plans*

New and existing	All flooding		FCZD, Watershed Planning Groups	Low	FCZD	Short-term
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Initiative #25- Utilizing the best available data, science and technology, enhance the existing flood notification program, striving to identify a notification protocol within systems that have real-time flood threat recognition capability.

New and existing	All flooding		FCZD, Emergency Management	High	FCZD, Emergency Management, possible grant funding	Long-term
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Initiative #26- Update the County emergency response plan to reflect any changes to flood notification protocol within the county.

New and existing	All flooding		FCZD, Emergency Management	Medium	FCZD, Emergency Management, possible grant funding	Short-term, on-going
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Initiative #27- Conduct annual exercises of the County Emergency Operations Plan in compliance with NIMS standards, such that flood response actions of the County are reviewed, evaluated, and adapted based on observations from the exercises.

* Provide info to Kent/EM

**TABLE_
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new
or existing
assets

Flood Hazards Mitigated

Objectives Met

Lead Agency

Estimated Cost

Sources of Funding

Timeline

New and
existing

All flooding

FCZD, Public
Works, Emergency
Management,
Sherriff's Office

Low

FCZD, Public
Works, Emergency
Management

Short-term, on-going

Initiative #28- Draft a prioritized list of road segments and bridges that should be elevated above the 100-year floodplain and culverts that will fail under flood flow. Upgrade these structures if funding become available.

Existing

~~Riverine~~ flooding
All

FCZD, Public
Works, Natural
Resource
Department
(County)

High

FCZD, Public
Works, possible
grant funding,

Long-term

Initiative # 29- Integrate the Chelan County Comprehensive Flood Hazard Management Plan in to other appropriate plans and programs that can support or enhance the County's efforts to reduce flood risk as these plans and programs are updated. Examples of such plans/programs would include, but are not limited to: Chelan County Hazard Mitigation Plan, Chelan County Comprehensive Plan, and Chelan County Shorelines Master Plan.

New and
existing

All flooding

FCZD, Community
Development

Medium

FCZD, Community
Development

Long-term

Initiative #30- Utilizing the best available data, science and technology, maintain and enhance as data becomes available the Level 2, user-defined HAZUS-MH model that was constructed to support this planning effort.

New and
existing

All flooding

FCZD, Public
Works

Medium

FCZD

Short-term, on-going

Initiative #31- Establish a sediment management program that includes expanded channel monitoring, establishment of thresholds to trigger actions, and analysis of sediment management action alternatives.

**TABLE
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new or existing assets

	Flood Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
New and existing	Sediment transport flooding		FCZD, Public Works, Natural Resource Department (County)	Medium	FCZD	Long-term
Initiative #32- As FCZD projects are constructed, monitor projects using identified performance measures and adaptive management to track the effectiveness of completed projects to inform the design and implementation of future projects.						
New	All flooding		FCZD, Public Works	Medium	FCZD	Long-term
Initiative #33- Respond to inquiries and complaints from citizens and other public and private agencies and tracking per Community Rating System requirements.						
New and existing	All flooding		FCZD, Public Works, All Chelan County Cities	Low	FCZD, Public Works	Short-term, on-going
Initiative #34- Maximize federal, state, and local funding opportunities through grant application submittals in support of capital improvement projects, technical studies, and other flood hazard management activities.						
New and existing	All flooding		FCZD, Public Works	Medium	FCZD, Public Works	Long-term
Initiative # 35- Continue to provide floodplain management technical support to all Chelan County departments and cities proposing activities or projects that affect floodplain functions.						
New and existing	All flooding		FCZD, Community Development, Natural Resource Department (County), All Chelan County Cities	Low	FCZD, Public Works	Short-term, on-going