



## MINUTES

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### Attendees

Name	Agency
Dale Carnathan	Ventura County Sheriff's Office of Emergency Services (OES)
Anna Davis	AECOM
Dan Klemann	Ventura County Resource Management Agency, Planning Division
Howard De Leon	Ventura County Department of Public Works, Transportation Department
Lindsey Trumpy	AECOM
Brian Trushinski	Ventura County Watershed Protection District

### Hazard Mitigation Planning Overview

- The Ventura County Sheriff's OES has kicked off its' 2<sup>nd</sup> Multi-Hazard Mitigation Plan (MHMP) 5- Year Update.
- In addition, the Ventura County Watershed Protection District (VCWPD) is concurrently kicking-off the update for the 5-Year Cycle Community Rating System (CRS) Program's Floodplain Management Planning (FMP) activities. Similar to the 2010 MHMP, the CRS FMP activities will be addressed within the 2015 MHMP.
  - There are 10-steps to the CRS FMP activities worth a maximum of 382 points. The steps include: organize to prepare the plan (max. 15 points); involve the public (max. 120 points); coordinate with other agencies (max. 35 points); assess the hazard (max. 35 points); assess the problem (max. 52 points); set goals (max. 2 points); review possible activities (max. 35 points); draft an action plan (max. 60 points); adopt the plan (max. 2 points); implement, evaluate and revise the plan (max. 26 points).
  - CRS is a voluntary incentive program, under the National Flood Insurance Program (NFIP), that recognizes and encourages communities to go beyond the minimum floodplain protection requirements. In October 2010, Ventura County (Unincorporated Areas) joined the CRS program at a class 6 (20% annual flood insurance premium discount to insureds).
- A hazard mitigation plan forms the foundation for a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repeated damage.
- The planning process is as important as the plan itself. It creates a framework for risk-based decision making to reduce damages to lives, property, and the economy from future disasters.
- The Federal Disaster Mitigation Act of 2000 (DMA 2000) outlines a process which cities, counties, and special districts develop a hazard mitigation plan.
  - DMA 2000 is important because it marks the shift from a focus from disaster response and recovery to mitigation.



## MINUTES

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- Local jurisdictions must have a FEMA-approved hazard mitigation plan to receive certain types of mitigation funding.
- Local hazard mitigation plans must be updated, adopted, and approved by FEMA every 5 years – the 2010 MHMP expires in February 2016.
- It is important to note that a hazard mitigation plan is one of multiple plans that support the emergency management cycle. Other plans include a jurisdiction's Emergency Operations Plan and General Plan (specifically the Safety Element).

### MHMP Update Overview

- The 2015 MHMP will include the following sections:
  - Section 1 – Introduction: Provides an overview of the DMA 2000 and hazard mitigation and it will also provide a brief description of all participants the County, participating cities, and participating special districts - such as demographics and statistics.
  - Section 2 – Prerequisites: Describes the FEMA requirements considered for plan approval as well as the adoption documentation by participating jurisdictions.
  - Section 3 – Planning Process: Summarizes the planning process, including MHMP/FMP committee meetings, stakeholder coordination, and public outreach activities.
  - Section 4 – Hazard Analysis: Describes the process through which the MHMP/FMP Committees will identify, screen, and select the hazards to be profiled or re-profiled in the 2015 MHMP. The hazard analysis will include the nature, history, location, extent, and probability of future events for each hazard. Location and historical hazard figures will be provided.
  - Section 5 – Vulnerability Analysis: Identifies the methodology for analyzing potentially vulnerable assets—population, residential building stock, RL and SRL properties, and critical facilities and infrastructure. This information will be compiled by assessing the potential impacts from each hazard using Geographic Information System (GIS) data. The resulting information will identify the full range of hazards that each participant could face and the potential social impacts, damages, and economic losses.
  - Section 6 – Capability Assessment: Evaluates the human and technical, financial, and legal and regulatory resources available for hazard mitigation for each participating jurisdiction. The results of the capability assessment will also list current, ongoing, and completed mitigation projects and programs for each participant.
  - Section 7 - Mitigation Strategy: Provides a blueprint for reducing the potential losses identified in the vulnerability analysis. The MHMP/FMP Committees will review mitigation projects identified in the 2010 MHMP and revise the existing list to include only the most relevant and fundable mitigation projects.



## MINUTES

- Section 8 – Plan Maintenance: Describes the formal plan maintenance process to ensure that the 2010 HMP remains an active and applicable document. The process will include monitoring, evaluating, and updating the plan.
- Appendices: The 2015 MHMP will include several appendices, such as: A: FEMA Compliance; B: Adoption Resolutions; C: Project Management; D: MHMP Committee; E: FMP Committee; F: Public Outreach and Stakeholder Involvement; G: Figures; H-Y: Participant-Specific Appendices (to include critical facilities and infrastructure list, vulnerability analysis, capability assessment, and mitigation action plan); and Appendix Z: Plan Maintenance Documents.
- The following are key milestones in the MHMP update schedule:

Activity	Due Date
GIS: Updated Hazard Figures	April 24 (presented to the Committees end of April)
Ventura County Emergency Planning County (EPC) Presentation - Public Meeting #1	April 30 (presentation to the EPC and general public introducing the project, and request for input)
GIS: Draft Exposure Analysis	May 16 (presented to the Committees mid-May)
Administrative MHMP	June 26
Public Review MHMP	July 16 – August 14
Ventura County EPC Presentation – Public Meeting #2	July 30 (presentation to the EPC and the general public discussing the Public Review MHMP, and request for input)
Final Draft MHMP	Mid – August
Final MHMP	TBD post-FEMA approval

- The following are key FMP Committee activities:

Discussed at Committee Meeting	Activity	Activity Completion Date (by Committee members)
#1	Update 2010 Critical Facilities and Infrastructure List	Friday, April 24
	Update 2010 Capability Assessment	Friday, May 8
#2	Review 2010 Mitigation Action Plan	Friday, May 8
#3	Review 2015 Potential Mitigation Actions	Friday, May 29
	Create 2015 Mitigation Action Plan	Friday, June 5

### Items to Discuss

- One new flood-related hazard will be added to the 2015 MHMP update: climate change.
  - Climate change was discussed throughout the 2010 MHMP, but it was not included as a separate hazard. The 2015 MHMP will address climate change as a stand-alone hazard. 2015 MHMP will include data/figures from the NOAA’s Sea-Level Rise Viewer, which

## MINUTES

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- simulates various sea level rise scenarios (from one to six feet above the average highest tides) and the corresponding areas that would be impacted by flooding.
- As part of the 2015 MHMP update process, each participant will need to review and update their participant-specific 2010 MHMP critical facilities list. A critical facility/infrastructure is broadly defined as – An asset that if severely damaged, would reduce the availability of essential community services necessary to cope with an emergency. The 2010 MHMP included: government facilities; community facilities; emergency response facilities; public utilities; educational facilities; and transportation infrastructure. For the VCWPD, critical facilities include gages, basins and dams.
    - The 2010 MHMP critical facilities and infrastructure list was distributed to FMP Committee members by email prior to the April 9 meeting and also each member in attendance was given a hard copy during the April 9 meeting. Each committee member is asked review their participant-specific list and provide updates to the list (remove facilities that no longer exist and add new facilities).
    - During the April 9 MHMP meeting (held the morning of the FMP Committee), the MHMP Committee decided to add bulk commercial fuel distribution facilities and private facilities to the list of critical facilities.
  - **IMPORTANT:** Updates made to the 2010 MHMP critical facilities and infrastructure list must be submitted; please provide an updated list to Ventura County OES and AECOM by Friday, April 24 ([Dale.Carnathan@ventura.org](mailto:Dale.Carnathan@ventura.org), [Lindsey.Trumpy@aecom.com](mailto:Lindsey.Trumpy@aecom.com), and [Anna.Davis@aecom.com](mailto:Anna.Davis@aecom.com)).
  - As part of the 2015 MHMP update process, each participant will need to review and update their participant-specific 2010 MHMP capability assessment. A capability assessment includes the following tables: Human & Technical Resources; Financial Resources; Legal & Regulatory Resources; and Completed and Current Mitigation Projects and Programs.
    - The 2010 MHMP capability assessment was distributed to the MHMP Committee members during the April 9 meeting. Each committee member is asked to review their participant-specific list and provide update to the list.
  - **IMPORTANT:** Updates made to the 2010 MHMP critical facilities and infrastructure list must be submitted; please provide an updated list to Ventura County OES and AECOM by Friday, May 8 ([Dale.Carnathan@ventura.org](mailto:Dale.Carnathan@ventura.org), [Lindsey.Trumpy@aecom.com](mailto:Lindsey.Trumpy@aecom.com), and [Anna.Davis@aecom.com](mailto:Anna.Davis@aecom.com)).

### Public Outreach

- Website: A project website has been developed that will contain information on planning process and announces each of the meetings being held for the project. The website will also be a reference for the committee members; we will post documents for review on the website and all meeting documentation (meeting announcements, as well as agendas and minutes).



## MINUTES

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- Online Survey: A public online survey will be placed on the MHMP website. The survey will be used to gauge a general understanding of hazard mitigation planning and hazard mitigation projects within Ventura County and participating Cities.
- Web Portal: A hazard map web portal will be accessible toward the end of the project (and will be accessible after the project ends). Using Google Earth, the web portal will allow users to locate a chosen location (address or latitude/longitude coordinates) within the County and apply each hazard layer, allowing the user to see the susceptibility of a specific location to each hazard.
- Letters and Flyers: On April 1 and April 12, the VCWPD mailed out letters to City Floodplain Managers in Ventura County, US Army Corps of Engineers, the National Weather Service, the Federal Emergency Management Agency, and California Department of Water Resources asking them to provide additional relevant flood data, mapping and reports and also inviting them to participate in the MHMP update process. VCWPD also intends to send out flyers to residents located in the Special Flood Hazard Area notifying them of the MHMP update process.
- Ventura County Emergency Planning Council: Two public presentations, on April 30 and July 30, about the 2015 MHMP will be made at the Emergency Planning Council (from 10:00am – 11:00am on both dates).

### Next Meeting

- At the next FMP Committee meeting, committee members will review updated flood maps and also review the VCWPD's 2010 mitigation action plan.
- **IMPORTANT**: The next FMP Committee meeting will be the afternoon of April 30 from 1:30pm – 3:00pm in the VCWPD's offices, Conference Room 263.