



MINUTES

Attendees

Name	Agency
Anna Davis	AECOM
Howard De Leon	Ventura County Department of Public Works, Transportation Department
Scott Holder	Ventura County Watershed Protection District
Mark Bandarraga (Bruce Rindahl)	Ventura County Watershed Protection District
Dave Thomas (Matt Wyatt)	Ventura County Building and Safety Division
Jim O'Tousa	Ventura County Public Works Agency
Brian Trushinski	Ventura County Watershed Protection District

Multi-Hazard Mitigation Plan (MHMP) Progress

- MHMP Flyer
 - On June 11, 2015, the VCWPD mailed first-class a CRS brochure to all 4,675 floodplain property owners in Unincorporated Ventura County. The brochure included a 1-page flyer announcing the MHMP update process and inviting all floodplain property owners to participate the update process.
- Town Hall and Emergency Planning Council
 - A “Town Hall” presentation of the Final Draft 2015 MHMP will happen on July 25 from 10am – 12pm at the City of Camarillo Police Department.
 - At the July 30 presentation, the consultant will discuss the Final Draft 2015 MHMP and as well as the CalOES and FEMA review and upcoming plan adoption process. The EPC and the general public will be given an opportunity to ask questions and were encouraged to read the Final Draft 2015 MHMP online and submit comments over a three-week public comment period from July 24 – August 14.

Items to Discuss

- 2015 Overarching and VCWPD-Specific Potential Mitigation Actions



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No.	Description	Hazard	Floodplain Management Activity
VCWPD 1	<p>In 2015, the RMA, Planning Division initiated a General Plan Update project that is expected to take 5 years to complete. As part of the General Plan Update, the County will be considering the adoption of a number new elements that will include land use policies that will apply to new land use development projects within the unincorporated area of the County. In addition, the RMA, Planning Division is currently working on Phase II of an update to its Local Coastal Program (“LCP Update”).</p> <p>The relevant issues that the General Plan Update and LCP Update will address include the following:</p> <ul style="list-style-type: none"> • Climate change, including (but not limited to) sea level rise and coastal resiliency policies for new development along the coast; • Wildlife movement overlay zone that will limit new development within flood-prone areas (e.g., riparian corridors); • Limitations on new development within Environmentally Sensitive Habitat Areas (e.g., the Santa Monica Mountains that are characterized by steep slopes, relatively intact native habitat, and coastal areas subject to flooding hazards); and • Changes to the permitting requirements for brush removal in open space areas (e.g., areas with steep slopes that are prone to erosion, mudslide, and flood hazards). 	Climate Change, Flood, Landslide, Debris Flow	Preventive, Property Protection, Natural Resource Protection
VCWPD 2	Revise existing landslide maps to include potential runout areas and include the runout area with a classification scheme for probability. Present landslide maps only include the main slide mass or body and not the potential areas affect from potential future movement.	Landslide	Emergency Services, Public Information
VCWPD 3	Update Emergency Response scenario planning for recent theories on earthquake magnitudes for local faults. New studies suggest higher magnitude earthquakes may be possible on local faults and earthquake scenarios should be updated to keep pace with scientific knowledge.	Earthquake	Emergency Services
VCWPD 4	Integrate alluvial fan management measures for oil, agriculture and development to include stormwater runoff, sediment transport, and alluvial fan geomorphology from geologic perspective. Alluvial fans are presently considered only from hydrologic/hydraulic models.	Various hazards that may affect alluvial fans	Preventive, Property Protection, Natural Resource Protection



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No.	Description	Hazard	Floodplain Management Activity
VCWPD 5	Upgrade the County of Ventura’s Flood warning system. The existing ALERT system is utilizing radio technology from the 1980’s.	Flood	Emergency Services, Public Information
VCWPD 6	Complete the Ventura County Watershed Protection District’s Integrated Watershed Protection Plan (IWPP) and establish cost-sharing, collaborative, and multi-jurisdictional project partnerships with public and private sector agencies and organizations, aimed at improving community resiliency to flood risk hazards, floodplain management, groundwater and environmental protection, and securing a sustainable water supply for urban and agricultural customers.	Flood, Post-Fire Debris Flow, Levee Failure, Dam Failure	Structural Projects, Preventive, Natural Resource Protection, Public Information
VCWPD 7	The County of Ventura Public Works Agency, Resource Management Agency, and the Ventura County Sheriff’s Office of Emergency Services will work together to undertake public outreach initiatives aimed at increasing property owner awareness of the risks of coastal flooding from sea-level rise and actions that residents can take to reduce the risk of loss of life and property damage.	Sea-Level Rise	Public Outreach
VCWPD 8	Stabilize landslide-prone areas through stability improvement measures, including interceptor drains, in situ soil piles, drained earth buttresses, subdrains, removal of slide areas, and dewatering ground.	Landslide	Natural Resource Protection, Preventive
VCWPD 9	Acquire, relocate, elevate, and/or floodproof critical facilities located within the 100-year floodplain, as financially feasible. Acquisition projects will be managed by XX and land will be used as passive open space after it is acquired.	Flood	Property Protection
VCWPD 10	Reinforce County and local roads, bridges, and ramps from flooding through protection activities which may include elevating the road and installing culverts beneath the road or building a bridge across the area that experiences regular flooding. Reinstall/ repair aging traffic control devices to floodproofing standards (e.g., signal lights, warning and stop signs). Activities also include installation of rock rip-rap within channels at bridge approaches, ditch cleaning to maintain the capacity of ditches to drain the roadway system.	Flood	Structural Projects
VCWPD 11	Work with FEMA Region IX to address any floodplain management issues that may have arisen/arise from the countywide DFIRM, Community Assessment Visits, and/or DWR.	Flood	Structural Projects, Preventive, Natural Resource Protection, Public Information



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No.	Description	Hazard	Floodplain Management Activity
VCWPD 12	Increase participation in the NFIP by entering the Community Rating System program by maintaining the County of Ventura Class 6 CRS rating, which through enhanced floodplain management activities would allow property owners to receive a discount on their flood insurance.	Flood	Public Information, Structural Projects, Preventive, Natural Resource Protection
VCWPD 13	Continue to participate in the NWS TsunamiReady Program through continued implementation of Guideline 4: Community Preparedness measures, including public outreach material and curriculum.	Tsunami	Public Information
VCWPD 14	Implement the Best Management Practices (BMPs) identified in the Final Program Environmental Impact Report: Environmental Protection Measures for the Ongoing Routine Operations and Maintenance Program. The BMPs are specific feasible environmental protection measures that are to be incorporated into the current maintenance program for existing facilities. BMPs include: routine operations and maintenance; water diversion; stream gage maintenance; and rodent control activities.	Flood	Natural Resource Protection
VCWPD 15	Develop a tool to collect and analyze post-flood disaster risk assessment information that allows the VCWPD to analyze the effects of the flood and implement future mitigation projects. Information to be collected may include: number and location of structures, including RL properties, flooded; identification of flooded areas outside of the SFHA; number and location of failed gages; etc.	Flood	Other: Post-Disaster Mitigation
VCWPD 16	Work with the Cooperating Agencies of the Ventura River Multi-Species Habitat Conservation Plan to continue to implement proposed mitigation measures identified in the plan, such as improving habitat and/or access to habitat.	Flood	Natural Resource Protection
VCWPD 17	After every exercise or event an After Action Report should be completed. The After Action Review has two components: an After Action Report which captures observations and recommendations based on incident objectives associated with the capabilities and tasks and an Improvement Plan, which identifies corrective actions, assigns them to responsible parties, and establishes targets for their completion.	All Hazards	Other: Post-Disaster Mitigation
VCWPD 18	Encourage property owners located in the dam or levee inundation hazard areas to purchase voluntary flood insurance.	Dam Failure, Levee Failure	Public Information



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No.	Description	Hazard	Floodplain Management Activity
VCWPD 19	Rehabilitate three major Ventura County Watershed Protection District levees countywide in order to meet Federal levee certification requirements found in 44 CFR 65.10. Once rehabilitated, these levees will provide flood protection from the 1% annual chance flood event.	Levee Failure	Structural Project
VCWPD 20	Implement appropriate life/safety warning/evacuation systems in Ventura County, including the Emergency Alert System, Flood Threat Recognition System, Reverse 911 System, and Tsunami Watch and Warning messages during an event or disaster.	Flood, Tsunami, Debris Flow	Emergency Services, Public Information



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- 2015 Ranking Process and CRS Credits

Requirement	Description
Mitigation Planning	Links the existing mitigation plan, particularly the vulnerability analysis and capability assessment, to project scoping.
Technical Feasibility and Effectiveness	Conforms with accepted engineering practices, established codes, standards, modeling techniques, or best practices. Effective mitigation measures funded under HMA should provide a long-term or permanent solution.
Floodplain Management and Protection of Wetlands	Conforms to 44 CFR Part 9, which incorporates the requirements of Executive Order (EO) 11988 (<i>Floodplain Management</i>) and EO 11990 (<i>Protection of Wetlands</i>).
Environmental Planning and Historic Review and Compliance	Complies with all environmental and historic preservation (EHP) laws and with 44 CFR Part 10.
Cost Effectiveness	Is cost-effective or be in the interest of the National Flood Insurance Fund.
Cost Review	Is reasonable in costs compared to the probable benefits.
General Program Requirements	Is an eligible activity, including: property acquisition and structure demolition; property demolition and structure relocation; structure elevation; mitigation reconstruction; dry floodproofing of historic residential structures; dry floodproofing of nonresidential structures; minor localized flood reduction projects; structural retrofitting of existing buildings; non-structural retrofitting of existing buildings and facilities; infrastructure retrofit; soil stabilization; wildfire mitigation; post-disaster code enforcement.

- 2015 VCWPD Mitigation Action Plan Format

No.	Description	Goal	Floodplain Management Activity	Funding Source	Department or Agency	Timeframe (0-5 Years)