



STATE OF NEVADA MEETING NOTICE AND AGENDA NEVADA HAZARD MITIGATION WORKING GROUP

Name of Organization: Nevada Hazard Mitigation Working Group

Date and Time of Meeting: October 12, 2022, at 11:00 a.m.

Place of Meeting: There will be no physical location for this meeting. The meeting can be listened to, or viewed live, over the Internet through the Nevada Division of Emergency Management YouTube channel at:
<https://www.youtube.com/channel/UCFGa6exzrZdlqA6PP55kfqq>

Conference Line Access: Conference line #: (669) 219-2599
Meeting ID# 686 738 8625
When prompted for Participant ID, please press #

Current Voting Membership	
Name	Organization
Lorayn Walser, Chair	Governor's Office of Energy
Stephen Aichroth	NV Division of Housing
Solomé Barton	North Las Vegas Emergency Management
Faith Beekman	NV Health and Human Services
Kathy Canfield	Storey County
Eric Antle	NV Division of Forestry
Craig dePolo	NV Bureau of Mines and Geology
Ceira Sampson	Reno-Sparks Indian Colony
Shari A. Davis	NV Governor's Office of Economic Development
Clair Ketchum	National Oceanic and Atmospheric Administration (Federal)
Andrew Trelease	Southern NV Regional Flood
Erin Warnock	NV Division of Water Resources
Melissa Whipple	NV Health and Human Services
Current Non-Voting Membership	
Janell Woodward	NV Division of Emergency Management



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This meeting will be video or teleconferenced as specified beginning at 11:00 a.m. The Nevada Hazard Mitigation Working Group (“Working Group”) may act on items marked “For Possible Action”. Items may be taken out of the order presented on the agenda at the discretion of the Chair. Items may be combined for consideration by the Working Group at the discretion of the Chair. Items may be pulled or removed from the agenda at any time.

Please Note: Witnesses wishing to have their complete testimony/handouts included in the permanent record of this meeting should provide a written or electronic copy to the Working Group administrative support staff. Minutes of the meeting are produced in a summary format and are not verbatim.

1. **CALL TO ORDER AND ROLL CALL** – Chair, Lorayn Walser, Governor’s Office of Energy.
2. **PUBLIC COMMENT** – (Discussion Only) – No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action may be taken. Public comments may be limited to 3 minutes per person at the discretion of the Chair. Comments will not be restricted based on viewpoint.

To provide testimony during this period of public comment via telephone, please call in any time after 10:30 a.m. on the day of the meeting by dialing (669) 219-2599. When prompted to provide the Meeting ID, please enter 686 738 8625 and then press #. When prompted for a Participant ID, please press #. When asked to provide public comment, please press *6 to unmute your phone and *6 again when your comments are complete.

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3. **APPROVAL OF MINUTES** -- (Discussion/For Possible Action) – Chair Lorayn Walser. The Working Group will discuss and review the minutes of the August 30, 2022, Working Group meeting. The Working Group will determine whether to approve the meeting minutes.
4. **INTRODUCTION OF NEW WORKING GROUP MEMBERS** – (Discussion Only) – Chair Lorayn Walser. Chair Walser will introduce new Working Group members: Ceira Sampson, Reno-Sparks Indian Colony; Shari A. Davis, NV Governor’s Office of Economic Development; and Eric Antle, NV Division of Forestry.
5. **REVIEW OF HAZARD MITIGATION GRANT PROGRAM (HMGP) FROM COVID SUBAPPLICATIONS FOR FFY2021** (Discussion Only) – Janell Woodward, DEM/HS State Hazard Mitigation Officer, or her designee, will lead discussion and review of the HMGP FY2021 applications. HMGP applicants will have the opportunity to briefly discuss their applications and answer questions from the Working Group. HMGP applications are as follows:

- a. **Carson City Maxwell Detention Basin** - \$2,050,764.71
The Maxwell Basin will provide flood mitigation for approximately 30 downstream residential and commercial structures. The basin is part of broader flood hazard

mitigation plan detailed for the Goni Canyon Watershed as part of the 2021 Carson City Hazard Mitigation Plan. The area has experienced significant flooding, most recently in 2017, 2005, and 1997.

- b. **Carson City ALERT Sites - \$33,497.00**
Carson City ALERT sites allows the City to prevent hazards to life and to minimize property damage to the greatest extent possible. Carson City, Nevada experiences seasonal flood-related damage nearly every year. Due to the location of the city, it is not uncommon for the Base Flood to occur when prolonged precipitation is accompanied by an early snowmelt due to a warm-weather trend. This type of flooding occurred in 1997, causing many rivers and creeks throughout Western Nevada watersheds to rise to 100-year flood levels. It was estimated that nearly half of Carson City residents were affected by the flood.
- c. **Carson City Water Resource Recovery Facility Flood Protection - \$2,150,971.00**
Flood protection of the Carson City Water Resource Recovery Facility (WRRF) will lessen the severe impacts to health and safety including potential for overflows of untreated wastewater or backup in sewer pipelines due to interruptions in pump station operation. It would also protect the disruption of service for more than 20,000 service connections. The Carson City Water Resource Recovery Facility (WRRF) lies adjacent to the Lower King's Canyon Creek Drainage Area causing various areas of the treatment facility to be potentially impacted by the 100-year and 500-year flood events (refer to Project Map).
- d. **Douglas County Hot Springs-Buckbrush Flood Control Project - \$8,139,600.00**
The Hot Springs-Buckbrush system is one of the major systems identified in the Johnson Lane Area Drainage Master Plan (ADMP) which will reduce flood impacts for downstream properties. The risk of property being affected by flash flooding in Johnson Lane is high. Some houses experience flooding and several landscaped areas are destroyed by water and sediment carried down from the Pine Nut Mountains during these events. There is documentation going back to 1992 on the flash flooding events that have occurred in the area. The Johnson Lane ADMP attempts to alleviate many of these hazards.
- e. **Nevada System of Higher Education, University of Nevada Reno Advancing Hazard Mitigation in Nevada through Earthquake Early Warning Research and Planning - \$97,709.00**
The overall objective of this project is to perform the scientific research necessary to craft a detailed Earthquake Early Warning Implementation Plan for the State of Nevada. This lays the groundwork for the expansion of Early Warning to Nevada, which would provide seconds-to-minutes alerts to the population and critical infrastructure in the event of a large earthquake.
- f. **State of Nevada Division of Emergency Management (NV DEM), Hazard Mitigation Plan (HMP) Update - \$218,963.60**
NV DEM is updating the State Enhanced HMP and will hire a contractor to complete the plan in conjunction with NV DEM staff. This is the required five-year update of the State HMP.
- g. **State of Nevada, Public Works Division Hobart Creek Reservoir Dam (HCRD) Seismic Retrofit - \$13,940,279.00**
The HCRD Seismic Retrofit will solve issues soil compaction and liquefaction issues. The current poor compaction of soils of the HCRD creates the risk of liquefaction of the

soils during an earthquake. The liquefaction will result in flooding due to dam failure, as well as erosion. Also, potential drought conditions will exacerbate the loss of function for a prolonged period for the “water” community lifeline. This historic Marlette Water System infrastructure services three rural communities. These communities are Virginia City, Gold Hill, and Silver City.

- h. **Washoe County SE Washoe Home Elevation COVID Batch 1b - \$1,272,021.00**
The SE Washoe Home Elevation project will elevate homes by a minimum of three feet above the base flood elevation. The probability of damage to the lowest floor of a home will be significantly reduced. Major floods have occurred approximately every 10 years in this area i.e., 1986, 1997, 2005, 2017. At a minimum each of these events have affected these homes with other events also occurring. Historically, there is a Repetitive Loss home included and it is higher in elevation than most of the other homes in this application. These particular homes are in an area that is not conducive to structural levee protection. Each flood event requires not only loss of personal possessions and risk to residents, but also to life saving and support personnel. For these and many other reasons, Home Elevation has already proven successful in many jurisdictions. We will emulate and copy other successful programs.

6. **PRIORITIZATION OF THE SUBAPPLICATIONS FOR THE HMGP FROM COVID FFY 2021 GRANT PROGRAM** – (Discussion/For Possible Action) – Chair Walser and Janell Woodard will lead the Working Group in the prioritization process. The provided prioritization form will be utilized by the Working Group to review each project and the points for each will be totaled to determine ranking order. The Working Group will identify the subapplications in priority order and will vote to determine which projects will be recommended to the Chief of the Nevada Division of Emergency Management for final approval and submission to FEMA.

7. **PUBLIC COMMENT** – (Discussion Only) – No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action may be taken. Public comments may be limited to 3 minutes per person at the discretion of the Chair. Comments will not be restricted based on viewpoint.

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8. **ADJOURNMENT** – (Discussion/For Possible Action)

This is a public meeting. In conformance with the Nevada Public Meeting Law, this agenda was posted or caused to be posted on or before 9:00 a.m. on October 7, 2022, at the following:

Nevada State Emergency Operations Center, 2478 Fairview Drive, Carson City, NV; and

Posted to the following websites:

- Nevada Division of Emergency Management and Homeland Security Public Meeting Notifications/Information Website:
https://dem.nv.gov/DEM/DEM_Public_Meeting_Information/

- Nevada Public Notice Website: www.notice.nv.gov

To navigate to Division of Emergency Management and Homeland Security administered meetings, please do the following:

- Within the Government Column, click **State**.
- Within the Entity Column, select **Office of the Military – Division of Emergency Management**.
- Within the Public Body column, click on the **Nevada Hazard Mitigation Working Group**; results will populate on the page.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements for the meeting are necessary, or if there is a need to obtain copies of any supporting meeting materials, please notify Janell Woodward, Division of Emergency Management and Homeland Security, at 775-687-0300. 24-hour advance notice is requested. Thank you.