

## Minutes

### Nevada Hazard Mitigation Planning Subcommittee Meeting

Monday, July 29, 2013, 1:30 pm

**Governor's Office of Energy, Conference Room  
755 N. Roop Street, Suite 202, Carson City, Nevada**

#### Attendees:

##### **Subcommittee Members:**

Marie Barry, Washoe Tribe of Nevada & CA  
Jenna Damon, Nevada Division of Water Resources  
Craig dePolo, Nevada Bureau of Mines and Geology  
Rick Diebold, Clark County  
Stacey Giomi, Carson City Fire Dept.  
David Gould, Safety Specialist Consultant  
Rajat Jain, Nevada Division of Insurance  
Angela Krutsinger, Director of Hospital Preparedness  
Rob Martinez, Nevada Division of Water Resources  
Ryan Miller, Nevada Threat Assessment Center  
Peter Mulvihill, State Fire Marshal  
Scott Rasmussen, Nevada Division of Forestry  
Michael Rife, State Public Works Division

##### **Via Teleconference:**

Bill Elliott, Nevada Division of Emergency Management  
Robin Palmer, NV Dept of Conservation & Natural Resources  
Chris Smallcomb, Warning Coordination Meteorologist

##### **NDEM/NHMP Staff**

Elizabeth Ashby, Nevada Division of Emergency Management  
Daphne LaPointe, Nevada Bureau of Mines and Geology  
Janell Woodward, Nevada Division of Emergency Management

##### **Guests:**

Henna Rasul, State Attorney General's Office

1. **CALL TO ORDER, ROLL CALL AND ESTABLISH QUORUM.** In the absence of Chair Jim Walker, State Hazard Mitigation Officer Elizabeth Ashby led the meeting. Elizabeth called the meeting to order at 1:35 P.M. and welcomed all. Elizabeth did a roll call of attendees and those on teleconference and ascertained that a quorum of Subcommittee members

were present to carry on the business of the Subcommittee and vote on action items.

2. **PUBLIC COMMENT.** Elizabeth opened the floor for any public comment but there was none.
3. **APPROVAL OF THE MEETING MINUTES FROM April 29, 2013.**  
Elizabeth asked if all had a chance to look at the April 29<sup>th</sup> NHMP Subcommittee Quarterly meeting minutes that had been distributed and if there were any discussion or changes needed. As there were none noted, Stacey Giomi moved to approve the minutes as presented. Rick Diebold seconded the motion, Elizabeth called for any discussion, all were in favor, none opposed, and the motion to approve the April 29<sup>th</sup> Subcommittee Quarterly meeting minutes passed as presented.
4. **UPDATE OF THE STATE ENHANCED HAZARD MITIGATION PLAN (NHMP) taken out of order presented on the agenda due to time constraints of some members who may have to leave early).**

**4d.** Members' ranking of Mitigation Strategic Actions using FEMA's Social, Technical, Administrative, Political, Legal, Economic, and Environmental (STAPLEE) criteria to be included in Section 4. Elizabeth made sure all members had copies of the STAPLEE worksheet showing current status of rankings of strategic actions based on returns received and explained that we need remaining Subcommittee member rankings by the end of Wednesday July 31 in order to have all members' input for the prioritization. We will set a date for a special meeting in late August to finalize prioritizations into the "High," "Medium," and "Low" categories based upon the expertise of Subcommittee members.

**4e.** Distribution and review of remaining updated Section 3 profile on Flood hazard (including "Canals and Ditches" subsection) of the 2013 Enhanced NHMP and recommendation for adoption by the Nevada Hazard Mitigation Planning Committee. There was some discussion on this section; Rob Martinez asked Craig if he had consulted any of the irrigation companies in the state about the ditches to get data? Craig said no, the scope of this study will be confined to just the ditches in the Reno area and are just looking at: 1. Setting, 2. Conditions, 3. Downstream hazards, and 4. Avoiding operations such as storm runoff diversion into ditches causing flood overflow. They will be modeling potential runoff into each section of the ditches to see how many inches per hour of rainfall does it take to overwhelm it?

Marie Barry mentioned that Ed James had done some work in Douglas County to study results of ditch opening vs. closing during flood events - Craig might want to look into that or contact him.

Stacey Giomi suggested that we add a final column to Table 3-16 showing NFIM claims as a percentage of total claims, which we will add as an edit. Others had minor typographical edits that were handed in to the Planning Team.

**Rick Diebold made a motion to approve the Section 3 flood profile section with added canal and ditch subsection, with suggested edits by the Subcommittee. Angela Krutsinger seconded the motion; Elizabeth called for any more discussion and there was none. She called for a vote, and all were in favor, none opposed, and the motion carried as presented to approve the Section 3 flood profile section with added canal and ditch subsection, with suggested edits by the Subcommittee.**

4fi. Elizabeth distributed to all members for review and discussion copies of the remaining Vulnerability Assessment subsection of Section 3 of the 2013 Enhanced NHMP. There was some discussion first of Table 3-35 – a table of potential losses due to wildfire. There was a question of what constituted losses, and it was determined to be solely building stock losses, from assessors' data. Marie Barry noted the lack of data on some tribal lands and said she would provide us some data to fill in some of those for the Washoe Tribal lands.

Some members provided us a few minor suggested typographic and semantic language edits handed to the Planning Team. Craig suggested that we use the 2009 HAZUS run data for earthquake losses rather than the suspect 2013 HAZUS program run data that gave unrealistic loss numbers for many communities. This was discussed among the committee and most agreed that it was wiser to err on the high side with the older 2009 numbers than on the low side with the 2013 numbers. There is a new "fixed" version of HAZUS FEMA has released that may have rectified some of the problems but it is too most likely too late to redo all the HAZUS runs, analyze the data and incorporate it into the plan if it is good at this late date. Craig will let us know if any new runs are completed, however.

The only major change to the flood subsection of the Vulnerability Assessment was the addition of the Colorado River data on the portion that flows through Nevada. Elizabeth had another question for Craig on whether we could still use the same HAZUS Earthquake Maps showing peak ground acceleration for HAZUS scenario earthquakes in Appendix F. Craig was not sure and would check on this.

**The Subcommittee decided to postpone a vote on approval of this Vulnerability Assessment subsection of Section 3 of the 2013 Enhanced NHMP until the Special Meeting at the end of August because of the many uncertainties left to be decided on this.**

4fii. Elizabeth opened review and discussion of the Mitigation Strategy, Section 4 of the 2013 Enhanced NHMP.

The Planning Team made no changes to the major Goals, but did make some changes to the Strategic Action Items as noted:

- Changed language on a few; mainly to show completion of some and add “maintenance” to language.
- Deleted a few that have been completed or are no longer applicable.
- Added several to conform to the goals and objectives of the NESC.

The Section will be completed when the Strategic actions are finally prioritized by the Subcommittee members at the late August Special meeting and incorporated into the Strategic Action Plan Matrix in Table 4-10 at the end of the Section. There were several minor suggested edits made by Subcommittee members to Table 4-3. “Pre- and Post-Disaster Hazard Management Policies, Programs, and Capabilities” in the Capability Assessment subsection of Section 4, noted by the Planning Team members who will make the recommended changes.

**Dave Gould made a motion to approve Section Four with the recommended edits to Table 4-3 and incorporation of the new rankings of Strategic Action items into Tables 4-2 and 4-10. Peter Mulvihill seconded the motion, Elizabeth called for any more discussion and there was none. She called for a vote, and all were in favor, none opposed, and the motion carried as presented to approve Section 4, Mitigation Strategy section with suggested edits and prioritizations to be finalized by the Subcommittee at the late August Special Meeting.**

4fiii. Elizabeth opened discussion of Section 6, Plan Maintenance section of the NHMP, describing that there was very little if any change to it at all; mainly just language change to keep it in conformance with other sections.

**Rick Diebold made a motion to approve Section 6, Plan Maintenance as presented. Stacey Giomi seconded the motion, Elizabeth called for any more discussion and there was none. She called for a vote, and all were in favor, none opposed, and the motion carried as presented to approve Section 6, Plan Maintenance section of the NHMP.**

4g. Elizabeth opened discussion of the Appendices, which were not copied for the meeting; members viewed the completed ones online. Several do not yet have links and material is incomplete on some. The Planning Team will continue to update the Appendices and post them on the NHMPC website and inform members when final updates are available online for review. No action was taken.

**Elizabeth requested a motion to send the approved sections of the NHMP to the full NHMP committee for suggested approval at their meeting on August 13<sup>th</sup>. Rick Diebold so moved, Peter Mulvihill**

**seconded the motion, all were in favor, none opposed, and the motion carried.**

We looked at calendars and agreed upon a possible date of Monday August 26<sup>th</sup> for a Special meeting of the Subcommittee (*later changed to Thursday August 29<sup>th</sup>*) back to our original meeting place at the executive conference room of the NDEM.

5d. Craig reported on the status of the future expected risk/vulnerability assessment data from the Nevada Bureau of Mines and Geology. FEMA has provided a “fix” program to hopefully rectify some of the inaccuracies in its earthquake HAZUS runs, but NBMG has not yet had time to do the runs and compare the data with known results to see how good they are. He said they are working on an Earthquake Catalogue for MyPlan. As for the status of the Ditch and Canal study, Craig is working with Greg Pohl at DRI to come up with a plan of attack to yield a report by the end of the year on the Steamboat Ditch. He has submitted a proposal to Elizabeth for the work.

Elizabeth: – Future meetings:

*Thursday, August 29, 2013 Special Meeting*

*Monday, October 28, 2013*

6. Elizabeth opened the floor for any public comment; there was none.
7. As there were no other items for discussion or action, Angela Krutsinger moved to adjourn the meeting, the motion was seconded by Peter Mulvihill, all were in favor, and the meeting was adjourned.

*Respectfully submitted, 6 August 2013*

*by Daphne D. LaPointe*

*Nevada Bureau of Mines & Geology*