

Minutes of the
Nevada Hazard Mitigation Planning Committee
11 December 2008

The Nevada Hazard Mitigation Planning Committee (NHMPC) met from 9:45 a.m. until 3:33 p.m. on Thursday, December 11, 2008 in the Wells Fargo Building in Reno, Nevada. These minutes and related documents are posted on the Web site for the committee (<http://www.nbmng.unr.edu/nhmpc/nhmpc.htm>).

Attendees included:

Elizabeth Ashby, Nevada Division of Emergency Management (DEM), who held the proxy for Joe Curtis*, Storey County Emergency Management
Mike Cyphers*, Henderson Emergency Management
Mike Dondero*, NV Division of Forestry
Gary Dunn*, City of Sparks
Terri Garside, Nevada Bureau of Mines and Geology, who held the proxy for Gale Fraser*, Clark County Regional Flood Control District
Kim Groenewold*, Division of Water Resources
Stacey Giomi, Carson City
Kurt Latipow, Washoe County
Cathy Ludwig, Washoe County Emergency Management
Mark Novak, Tahoe Fire and Fuels Team
John Pickett, Tahoe Fire and Fuels Team
Jonathan Price*, Nevada Bureau of Mines and Geology
Rodd Rummel, Nevada Fire Safe Council
Jim Reagan*, NV Energy
Ed Smith, University of Nevada, Reno

* indicates a member of the Board of Directors.

Members of the Board of Directors of the Committee who were unable to attend include:

Press Clewe*, Washoe County resident
Rick Diebold*, Las Vegas Fire Department
Ron Lynn* Department of Development Services, Clark County Building Department
Jeanne Ruefer*, Washoe County Department of Water Resources
Jim Walker*, Nevada Department of Transportation

WELCOME AND INTRODUCTIONS

Jon Price chaired the meeting. Attendees introduced themselves. A quorum (a majority of the 13 members of the Board of Directors) was present.

APPROVAL OF MINUTES FROM May 7, 2008

The minutes of the 7 May 2008 meeting of the committee were unanimously approved. Minutes of the committee are posted on the NHMPC Web site at <http://www.nbmng.unr.edu/nhmpc/nhmpc.htm>.

Planning Subcommittee Report

Elizabeth Ashby reported that the Planning Subcommittee is on track for updating Section 4, Mitigation Strategy, of the State Hazard Mitigation Plan. The Goals and Objectives of both Elko and Douglas County are now included in the State plan.

A Motion to approve the integration of the Goals and Objectives of Elko and Douglas Counties' Hazard Mitigation Plan into the State's Plan was unanimously approved.

DIVISION OF EMERGENCY MANAGEMENT UPDATE

Elizabeth Ashby gave a report on the status of the following funded projects (see attached):
 Hazard Mitigation Grant Program (HMGP) 1540, Waterfall Fire funding;
 HMGP 1583, Southern Nevada Floods;
 HMGP 1629, Northern Nevada Flood;
 HMGP 1738, Fernley Floods;
 PDM (Pre-Disaster Mitigation) 04/05, HAZUS Data Base Update;
 PDM 06, Elko Band Council Plan;
 PDM 07 – Funding awards for plans of Storey, Esmeralda, and Washoe Counties and the Henderson Sewer Project; and
 PDM 08 – Sky Tavern Wildfire water storage tank

Elizabeth reported that some of the above funded projects may not spend all the funds allocated for them. Jon Price proposed to allow UNR to use any unspent funds to complete HAZUS runs for 30 communities in the state using M5, M5.5, M6, M6.5, and M7 earthquakes. The pre-prepared HAZUS runs would be very valuable should one of those communities have an earthquake; the loss-estimation data would be readily available for emergency management use.

Along with the data provided by the scenario runs, a sensitivity analysis will also be prepared. The sensitivity analysis will plot potential earthquake damage, using increasing earthquake magnitudes and epicenter locations at increasing distances from community centers (a M5 at the center of town, then five miles away, then 10 miles away, etc.). These data will allow a better understanding of what the potential damage is for an earthquake epicenter located some distance from the center of a community.

Seismic Equipment, Participation in FEMA's HAZUS Earthquake Pilot Project

DEM and the Nevada Seismological Laboratory are going to work together to prepare a proposal for submission to the Pre-Disaster Mitigation (PDM) 2010 grant program. The proposal will seek funding to purchase seismometers to replace ones that left Nevada when the National Science Foundation moved the US Array transportable seismometers east. When the US Array instruments were moved away, Nevada was left with limited coverage in the low-population areas of the state.

Jon Price mentioned that Arizona was successful in securing funding from a prior year's PDM grant program. Kim Groenewold expressed an interest in seeing the Arizona proposal.

ACTION ITEM: Elizabeth Ashby will forward a copy of Arizona's successful PDM proposal to Kim Groenewold for use in preparing a similar proposal for purchasing stream gage instruments.

Nevada Division of Forestry Update on the Annual Wild Land Urban Interface Summit

Mike Dondero with the Nevada Division of Forestry discussed the Annual Urban Interface Summit. The Summit was held locally and attended by representatives from federal, state, and local governments. Some of the topics covered were 1) how communities can seek funding for educational programs, 2) the local Fire Safe program, 3) and ways in which to deal with control of fire fuels.

Presentations by Sub-grantees on PDM Proposals

Mark Novack gave a presentation on the Douglas County Glenbrook and Kingsbury fuels reduction proposals.

The Kingsbury Wildfire Urban Interface Fuels Reduction Project proposal covers the area from Kingsbury to Zephyr Cove. The proposal covers areas that have limited ingress and egress or where

building additional roads is not a possibility. The fuel-reduction areas have also been identified and ranked as either high or extreme for wildfire potential. Mark stated that a fire has the potential to impact Lake Tahoe and tourism. A second benefit of the project is that it would provide better wildlife habitat, prevent forest disease, and prevent damage to historic structures. Both public and private land would be mitigated. A total of 170 acres are proposed for fuel mitigation.

It was mentioned that Glenbrook has received funds in the past for the clearing of defensible space (defined as the first 100 feet around an area to be protected). This proposed project would cover a much larger area than this previous mitigation.

Mark then discussed the Glenbrook Wildfire Urban Interface Fuels Reduction proposal. The proposed area to be mitigated is from Glenbrook to Cave Rock, encompassing 168 acres.

It was noted that the entire community has bought into both proposed projects by approving a recent tax increase to help cover the cost of the required 25% match to federal funding.

The cleared fuels will be sent to a biomass electric-generating facility for disposal.

John Pickett discussed the wildfires Benefit-Cost Analysis process. Rather than use the default, for a recurrence of 212 years, they used an 18-year recurrence, based on actual recurrence rates in the Lake Tahoe Basin. Jon Price commented that in trench studies conducted by the Nevada Bureau of Mines and Geology, geologists look for layers of charcoal to be sent to laboratories in order to establish dates of wildfires (the carbon-14 dating is used to determine when earthquakes have occurred in the past by dating charcoal layers above and below fault offsets). The dating of charcoal found in a trench in the Lake Tahoe area confirms that there is a recurrence rate of catastrophic wildfires of once every ± 200 years.

Kurt Latipow, Fire Services Coordinator with Washoe County, presented the Washoe County Roof Replacement and Fuels Reduction projects.

The first project presented was the Washoe County Roof Replacement Project. Kurt stated that Washoe County has in excess of 1,000 homes with wood shake roofs. They propose to offer a subsidy to those homes having wood shake roofs with the highest potential of igniting adjacent homes in a house-to-house fire situation. Funding for this project will provide 70% funding (not to exceed \$6,000 per home) for roof replacement. Prior to receiving reimbursement, homeowners will be required to provide proof that the roof was replaced, along with proof that the replacement roof was inspected by a Washoe County building inspector.

The Fuels Reduction project would provide funding to property owners for assistance with removal of fire fuel materials. Those awarded funding through the program would be required to sign a letter of agreement stating that they will continue to mitigate potential fire fuel vegetation and maintain the recommended minimum of 100 feet of defensible space around their property. At the conclusion of the program, they will be sent a letter reminding them of their agreement to keep their property in compliance with the fuels reduction program. Those not maintaining their property as agreed upon could be cited by the County.

Stacy Jeremy presented the Carson City Hazard Mitigation Plan Update. They propose to hire a contractor to assist them in their plan update. They will include their tribal partners and the Division of Emergency Management in the update process.

Proposal Review Subcommittee Report

The Subcommittee reviewed the five proposals received.

They are:

1. Lake Tahoe (Douglas County), Kingsbury Region Wildfire Project, \$488,325 federal and \$162,775 non-federal for a total project cost of \$651,100
2. Lake Tahoe (Douglas County), Glenbrook Region Wildfire Project, \$482,580 federal and \$168,860 non-federal, for a total project cost of \$643,440
3. Washoe County Wildfire Fuels Reduction Project, \$2,998,700 federal and \$999,567 non-federal, for a total project cost of \$3,998,267
4. Washoe County Wildfire Roof Replacement Project, \$2,997,821.90 federal and \$999,274 non-federal, for a total project cost of \$3,997,095.90
5. Carson City Hazard Mitigation Plan Update, 71,250 federal and \$23,750 non-federal, for a total project cost of \$95,000
6. Management costs (10% of total project costs), \$703,867.69 federal and \$234,622.60 non-federal, for a total of management costs of \$938,490.29

Total funds requested, \$7,742,544.59 federal and \$2,580,848.60 non-federal, for a total of \$10,323,393.19

The Subcommittee discussed the proposals then ranked them in the following order:

1. Washoe County Wildfire Fuels Reduction Project and Kingsbury Region Wildfire Project (ranked equally)
2. Glenbrook Region Wildfire Project
3. Washoe County Wildfire Roof Replacement Project
4. Carson City Hazard Mitigation Plan Update

A Motion made to adopt the priorities as proposed was unanimously approved by the full Committee.

Elizabeth Ashby recommended that to avoid last-minute changes next year, the Subcommittee should review the proposals at least one month before FEMA's due date to allow the applicants to present their proposals to the Subcommittee and allow for the applicants to make any suggested revisions.

The Committee forwarded the ranked list to DEM for approval and forwarding on to FEMA.

ANNOUNCEMENTS OF FUTURE MEETINGS

Tuesday, February 17, 2009, Reno

Wednesday, May 20, 2009, Las Vegas

Wednesday, August 26, 2009, Reno

Wednesday, November 4, 2009, Las Vegas

PUBLIC COMMENTS

Kim Groenwold made the request that the NHMPC Proposal Subcommittee review proposals she receives for flood control mitigation projects. It was suggested that Kim should make a presentation to the Committee at a future meeting.

ACTION ITEM: Elizabeth Ashby will put Kim Groenwold on a future agenda to present the Division of Water Resources' administrative plan and to request approval of the NHMPC Proposal Subcommittee's review of flood control mitigation proposals.

REVIEW OF ACTION ITEMS

Action items from the May 7, 2009 will be forwarded to the February agenda.

Elizabeth Ashby will forward a copy of Arizona's successful PDM proposal to Kim Groenewold for use in preparing a similar proposal for purchasing stream gage instruments.

Elizabeth Ashby will put Kim Groenewold on a future agenda to present the Division of Water Resources' administrative plan and to request approval of the NHMPC Proposal Subcommittee's review of flood control mitigation proposals.

ADJOURN

The meeting adjourned at 3:33p.m.

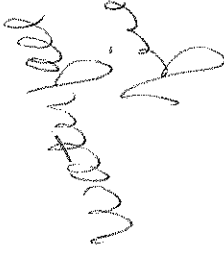
Respectfully submitted by Terri Garside, 26 January 2009

Nevada Hazard Mitigation Planning Committee
c/o Nevada Bureau of Mines and Geology
University of Nevada, Reno/MS 178
Reno, NV 89557-0178

775-784-4415

DIVISION OF EMERGENCY MANAGEMENT
 Hazard Mitigation Grant Program

FEMA-1540-DR-NV
 DISTRIBUTION



Available Funding
 12-Month Lock-In

State Management Costs	\$	726,541.00
5% Initiative Public Awareness	\$	226,808.97
7% Planning Project	\$	36,327.00
Regular Projects	\$	50,858.00
	\$	50,352.00
	\$	413,053.03
	\$	412,547.03
	\$	Elko Co.
	\$	SPWB & State Parks

Proposals

Requesting Entity	Federal Award	Expended	Balance	Status as of:	8-Dec-08
State Parks	\$ 87,202.03	\$ 34,583.03	\$ 82,618.97	Hold until Spring 2009	
Elko County	\$ 50,352.00	\$ 50,352.00	\$ -	CLOSED	
SPWB	\$ 325,851.00	\$ 75,306.83	\$ 250,544.17	In process	
Public Awareness	\$ 36,327.00	\$ 36,309.92	\$ 17.08	CLOSED	
Total	\$ 499,732.03	\$ 196,551.78	\$ 333,180.22		

State Management Costs

Requesting Entity	Federal Award	Expended	Balance	Status as of:	8-Dec-08
UNR - HAZUS	\$ 42,493.20	\$ 31,219.67	\$ 11,293.53	UNR - DEM in process	
DEM	\$ 184,315.77	\$ 1,396.14	\$ 182,919.63		
Subtotal	\$ 226,808.97	\$ 32,615.81	\$ 194,213.16		
Total	\$ 726,541.00	\$ 229,167.59	\$ 527,393.38		

Hazard Mitigation Grant Program

FEMA-1583-DR-NV
DISTRIBUTION

5 NV 10000

Available Funding
12-Month Lock-In

\$ 533,519.00

	Allowable	Allocated	Difference
5% Initiative	\$ 26,676.00	\$ 25,851.00	\$ 825.00
7% Planning Project	\$ 37,346.00	\$ 37,346.00	
Regular Projects	\$ 469,497.00	\$ 469,497.00	
		State Parks	
		UNR Risk Ass.	
		SPWB	

Proposals

Requesting Entity	Federal Award		Balance	Status as of:	8-Dec-08
	Expended	Balance			
State Parks <i>25,851.00</i>	\$ 25,851.00	\$ -		CLOSED	
SPWB	\$ 469,497.00	\$ 171,785.66		In process	
UNR Risk Assessmt	\$ 37,346.00	\$ -		CLOSED	
Total	\$ 532,694.00	\$ 171,785.66			
State Management Costs	\$ 825.00	\$ 359.18		In process	
Total	\$ 533,519.00	\$ 172,144.84			

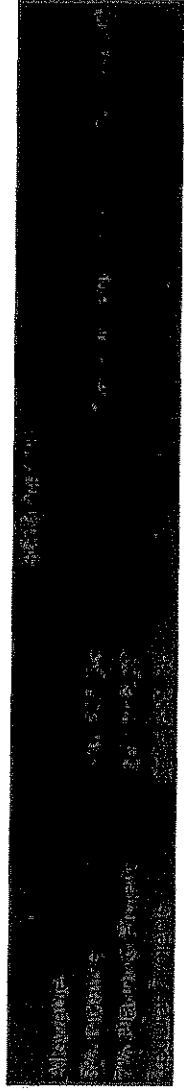
Hazard Mitigation Grant Program		FEMA-1629-DR-NV	
Proposal deadline: 23-Aug-06		DISTRIBUTION	
	Allowable		\$625,497.00
	5% Initiative	\$31,274.85	
	7% Planning Project	\$43,784.79	
	Regular Projects	\$550,437.36	
Proposals 5% Initiative			
Requesting Entity	Federal Award	Expended	Balance
Sparks	\$25,125.00	\$22,872.00	\$2,253.00
Status as of: 8-Dec-08			
Closed funding allocated to state mgnt. cost			
Proposals Planning			
State Plan Update	\$45,675.00	\$36,355.11	\$9,319.89
Proposals Regular Projects			
	\$444,017.00	\$0.00	\$0.00
	\$ 137,680.00	\$0.00	\$0.00
Total Requested	\$ 652,497.00	\$ 59,227.11	\$ 11,572.89
Architectural and Engineering approved. Awarded 10% of total request - project will not be completed some funding allocated to state mgnt costs.			
Architectural and Engineering approved. Awarded - project award pending at FEMA.			
Extended to 2009			

Hazard Mitigation Grant Program

Proposal deadline:

30-DAY LOCK IN AMOUNTS

**FEMA-1738-DR-NV
draft DISTRIBUTION**



Proposals 5% Initiative

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	8-Dec-08
Wayne Carlson's shop URM id	\$33,797.35	\$11,265.78	\$45,063.13		Awaiting final allocation FEMA amount

Proposals Planning

Lyon County Plan	\$47,316.29	\$15,772.10	\$63,088.39		approved & distributed
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Proposals Regular Projects

					Pending final FEMA allocation
Total Requested	\$ 81,113.64	\$ 27,037.88	\$ 108,151.52		

DIVISION OF EMERGENCY MANAGEMENT						Pre-Disaster Mitigation Grants					
2004-2005											
Requesting Entity		Federal Grant	Expended	Balance	Status as of:						
UNR-BMG		\$ 60,063.50	\$ 59,046.20	\$ 1,017.30	HAZUS Data Base new HAZUS version Extended to 2009						
2006											
Requesting Entity		Federal Grant	Expended	Balance	Status as of:						
Elko Band Council		29,115.00	14,525.88	14,589.12	Change in staffat Elko Band, no update.						
2007											
Requesting Entity		Federal Grant	Expended	Balance	Status as of:						
Storey County Plan		\$ 26,377.50	\$ 8,547.92	\$ 17,829.58	Approved and in process						
Esmeralda Co. Plan		\$ 24,949.50	6807.68	\$ 18,141.82	Approved and in process						
Washoe Co. Plan		\$ 38,406.75	4318.73	\$ 34,088.02	Approved and in process						
Henderson Sewer		\$ 377,853.00	0.00	\$ 377,853.00	Approved and in process						
Subtotal		\$ 467,586.75	\$ 19,674.33	\$ 447,912.42							
Management Costs (10% of federal funds received)		\$ 46,758.68	\$ -	\$ -	UNR's assistance with 1 year mitigation plan update						
Total		\$ 514,345.43	\$ 19,674.33	\$ 447,912.42							
2008											
Requesting Entity		Federal Grant	Expended	Balance	Status as of:						
Reno - Sky Tavern Wildfire		\$ 464,081.50									
Clark Co. Mit Plan update		\$ 56,985.42			Distributed						
Subtotal		\$ 521,066.92									
Management Costs (10% of federal funds received)		\$ 52,106.69									
Total		\$ 573,173.61									

Nevada Proposals for Submission to FEMA

Subapplicant	Fed Request	Match Request	Total Request	Purpose of Proposal
Carson City	71,250.00	23,750.00	95,000.00	Update Hazard Mitigation Plan
Douglas County	488,325.00	162,775.00	651,100.00	Wildfire Urban Interface Fuels Reduction Project - Kingsbury Region
	482,580.00	160,860.00	643,440.00	Wildfire Urban Interface Fuels Reduction Project - Glenbrook Region
Washoe County	2,998,700.00	999,567.00	3,998,267.00	Wildfire Urban Interface Fuels Reduction Project
	2,997,821.90	999,274.00	3,997,095.90	Wildfire Urban Interface Roof Replacement Project
Subgrant Requested Total	7,038,676.90	2,346,226.00	9,384,902.90	
Management Costs	703,867.69	234,622.60	938,490.29	
Total Request	7,742,544.59	2,580,848.60	10,323,393.19	

PDM-09 CALENDAR 1

Deadline	Document(s) Due
Thursday, July 3, 2009	1 <i>Notice of Interest</i> 2 <i>eGrants Roles Authorization Request Form</i>
Thursday, October 2, 2009	<i>Submission of Benefit Cost Analysis with data documentation to DEM.</i>
Thursday, November 13, 2009	1 <i>Submission of Hard Copy documents to State (DEM)</i> 2 <i>Submission of Application to State (DEM)</i>
Tuesday, December 4, 2009	<i>Nevada Hazard Mitigation Planning Committee's Proposal Review Subcommittee meeting</i>
FEMA's Submission Deadline ?	

Log on to www.dem.state.nv.us for forms, under
Hazard Mitigation Projects

And

www.fema.gov/government/grant/pdm/fy2008.shtm
for guidelines

Subject to change