

Minutes of the
Nevada Hazard Mitigation Planning Committee
4 and 5 November 2009

The Nevada Hazard Mitigation Planning Committee (NHMPC) met from 2:40:p.m.until 4:14 p.m. on Wednesday, November 4, 2009 at Clark County Department of Development Services, Las Vegas, Nevada and from 1:30 pm until 4:30 p.m. on Thursday, November 5, 2009 at Washoe County Complex, Reno, NV. These minutes and related documents are posted on the Web site for the committee (<http://www.nbmg.unr.edu/nhmipc/nhmipc.htm>).

Wednesday, November 4, 2009 Meeting, Clark County Department of Development Services, Las Vegas, NV

Attendees included:

Elizabeth Ashby, Nevada Division of Emergency Management (DEM)
Gaylon Baker, City of Caliente
Press Clewe*, Washoe County resident
Joe Curtis*, Storey County Emergency Management
Mike Cyphers*, Henderson Emergency Management
Rick Diebold*, Las Vegas Office of Emergency Management
Mike Dondero*, Nevada Division of Forestry
Gary Dunn*, Carson City Emergency Management
Robert Fellows*, Carson City Public Works
Russ Funk, Sunrise Engineering
Terri Garside, Nevada Bureau of Mines and Geology
Stana Hurlburt, City of Caliente
Karen Johnson, Nevada Division of Emergency Management
Rick Martin, Nevada Division of Emergency Management
Joe Phillips, Sunrise Engineering
Jonathan Price*, Nevada Bureau of Mines and Geology
Jim Reagan*, NV Energy
Rick Stever, Lincoln County Emergency Management
* indicates a member of the Board of Directors.

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

Gale Fraser*, Clark County Regional Flood Control District
Kim Groenewold*, Division of Water Resources
Ronald Lynn*, Clark County Department of Development Services
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 AUGUST 4, 2009

The minutes of the 4 August 2009 meeting of the committee were unanimously approved. Minutes of the committee are posted on the NHMPC website at <http://www.nbmg.unr.edu/nhmipc/nhmipc.htm>.

Elizabeth Ashby reported that the Nevada Division of Water Resources (NDWR) has requested that the NHMPC also review and prioritize grants received through the Nevada Flood Mitigation Assistance,

Repetitive Flood Claims, and Severe Repetitive Loss Programs. Proposals would be received by NDWR and then forwarded onto the NHMPC.

A Motion to have the NHMPC Proposal Review Subcommittee also prioritize proposals received through the Nevada Flood Mitigation Assistance Program was unanimously approved.

PLANNING SUBCOMMITTEE REPORT

Elizabeth Ashby reported on the progress of updating the State Hazard Mitigation Plan. The planning subcommittee has categorized earthquakes and terrorism as very high hazards and flood and wildfire as high hazards. These will be the focus of the updated mitigation plan. As updates of the plan are approved by the NHMPC, they are posted on the website. FEMA will talk to the subcommittee on January 25, 2010 about its new risk mapping efforts, which will impact allocation of hazard-mitigation funds.

Jon Price reported that he gave a presentation on the estimated losses from earthquakes, using HAZUS, at the November 4th meeting of the Nevada Earthquake Safety Council. The report can be found at <http://www.nbmj.unr.edu/dox/of098/Scenarios/OpenFileReport09-8.pdf>.

Elizabeth asked the committee if there is interest in having the committee travel to rural communities for future meetings. This will allow the rural communities to attend the NHMPC meetings held in their areas. The committee unanimously agreed that they thought it was an excellent idea.

ACTION ITEM: Elizabeth Ashby will contact one of the rural communities about hosting a spring NHMPC meeting.

PROPOSAL REVIEW SUBCOMMITTEE

Elizabeth Ashby reported that White Pine County requests \$41,250 in federal funds to complete their County Hazard Mitigation Plan.

Rick Stever reported that Lincoln County proposes to update their County Hazard Mitigation Plan. They plan to hire a contractor to assist them; the first plan was prepared in-house. The updated plan will include geographic information system (GIS) data. They are requesting \$23,100 in federal funding.

Russ Funk, Sunrise Engineering, gave a presentation on the City of Caliente's proposal of the Spring Heights Reconstruction Project. The completed project will control and route flash floods generated from the drainage basin upstream and mitigate future damage to homes, businesses, and historic buildings. They are requesting \$763,470 in federal funding.

Elizabeth Ashby reported that Nye County proposes to update their County Hazard Mitigation Plan. They are requesting \$39,999 in federal funding.

DIVISION OF EMERGENCY MANAGEMENT (DEM) MITIGATION PROGRAM UPDATE

Elizabeth Ashby gave a report on the status of the following funded projects (see attached):

Hazard Mitigation Grant Program (HMGP):

- HMGP1540, Waterfall Fire funding;
- HMGP 1583, S. Nevada Floods;
- HMGP 1629, N. NV Flood;
- HMGP 1738, Fernley Floods;

PDM (Pre-Disaster Mitigation) Grant Program:

- PDM 04/05, HAZUS Data Base Update;
- PDM 06, Elko Band Council Plan;
- PDM 07, awards for plans for Storey, Esmeralda, and Washoe Counties and the Henderson Sewer project;
- PDM 08, Sky Tavern Wildfire water storage tank, Clark County Mitigation Plan Update; and
- PDM 09, Funding requests from the Carson City Fire Department, Douglas County Emergency Management, DEM, and Washoe County Emergency Management.

Elizabeth reported that \$100,445 remains unallocated in the FEMA-1738-DR-NV award. The City of Reno is unable to provide match for those funds so they are unable to accept the remaining funds. The State Public Works Board is unable to decrease their Ely Camp proposal down to \$100,445, so the remaining funds will be returned to FEMA.

Local jurisdictions and public works departments will be contacted and asked to provide proposals for valid mitigation projects that cost between \$50,000 and \$100,000 so when funds are available in the future, those projects can be funded on short notice.

ACTION ITEM: Elizabeth Ashby will distribute an announcement to local jurisdictions and public works agencies, requesting proposals for mitigation projects with budgets between \$50,000 and \$100,000.

ACTION ITEM: Terri Garside will ask Diane dePolo to prepare a proposal for up to \$15K for converting Washington State's earthquake educational documents for use during Earthquake Awareness and Preparedness Week.

PUBLIC COMMENTS

No comments received.

ADJOURN

The November 4th meeting adjourned at 4:14 p.m.

Continuation of the Nevada Hazard Mitigation Planning Committee meeting on November 5, 2009, 1:32 p.m., Washoe County Complex, Reno, NV

Attendees include:

Jay Aldeen, Truckee River Flood Project
 Elizabeth Ashby, Nevada Division of Emergency Management
 Joe Curtis*, Storey County Emergency Management
 Mike Cyphers*, Henderson Emergency Management
 Rick Diebold*, Las Vegas Office of Emergency Management
 Mike Dondero*, Nevada Division of Forestry
 Gary Dunn*, Carson City Emergency Management
 Robert Fellows*, Carson City Public Works
 Mimi-Fujii-Strickler, Truckee River Flood Project
 Terri Garside, Nevada Bureau of Mines and Geology
 Karen Johnson, Division of Emergency Management
 Ron Juliff, Churchill County
 Jeff House, Manhard Consulting
 Cherie Nevin, Storey County

Jonathan Price*, Nevada Bureau of Mines and Geology
 Denny Peters, Manhard Consulting
 Jim Reagan*, NV Energy
 * 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
 Gale Fraser*, Clark County Regional Flood Control District
 Kim Groenewold*, Division of Water Resources
 Ronald Lynn*, Clark County Department of Development Services
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WELCOME AND INTRODUCTIONS

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PROPOSAL REVIEW SUBCOMMITTEE

Denny Peters, Manhard Consulting, gave presentations on two Carson City proposals. The Goni Wash proposal is to upgrade the existing drainage system, adding defined channels and roadway culverts to provide more adequate drainage to alleviate flooding. They are requesting \$1,696,754.93 in federal funding.

The Kings Canyon Wildfire Mitigation project will provide ignition-resistant construction materials (plus wildfire sprinklers – sprinklers that are in-ground and on the roof) to 50 homeowners in the Kings Canyon area, creation of defensible space, and vegetative fuels reduction. They are requesting \$451,500 in federal funding.

Ron Juliff discussed the Churchill County proposal to prepare their County Hazard Mitigation Plan. They are requesting \$39,375 in federal funding.

Denny Peters also gave a presentation on the Douglas County proposal to upgrade the storm drainage system along SR 395 at Martin Slough. Due to flooding, SR 395 was closed for 24 hours after the 1997 storm event and 36 hours after the 2005 event. They are requesting \$925,416 in federal funding.

Denny Peters then gave a presentation on the Storey County proposal to upgrade the storm drainage system along Six Mile Canyon Road, including upgrading all culverts to meet the 100-year flood capacity. Six Mile Canyon Road received significant damage during the 1961, 1997, and 2005 storm events. They are requesting \$1,239,711 in federal funding.

Mimi Fuji-Strickler, Truckee River Flood Project, gave a presentation on the N. Edison Way flood control proposal. The project proposes the demolition of six structures on N. Edison Way and the conversion of the properties to open space. The demolition of the structures will prevent future flood losses. These structures suffer severe flood damage every time the river overtops its bank. They are requesting \$625,947.75 in federal funding.

Jay Aldean, Truckee River Flood Project, gave a presentation on the Hidden Valley elevation proposal. They propose to elevate two structures that have experienced severe damage in both the 1997 and 2005 storm events. The final elevation will be at least two feet above FEMA's 100-year flood zone. They are requesting \$46,053 in federal funds.

After a discussion, the committee recommended the following priorities for the proposed projects. Although the applicants were not present during the discussion, they were not asked to exit the room during the discussions.

Plans:

First priority to Churchill County;
 Second priority to Lincoln County;
 Third priority to White Pine County;
 Fourth priority to Nye County;

Projects:

Fifth priority to Douglas County, SR 395 Storm Drainage Improvement;
 Sixth priority to Truckee River Flood Project, Hidden Valley Home Elevations;
 Seventh priority to Carson City, Goni Wash Drainage System Upgrade;
 Eighth priority to Storey County, Six Mile Canyon Drainage Improvement;
 Ninth priority to Carson City, Kings Canyon Wildfire Mitigation;
 Tenth priority to City of Caliente, Spring Heights Flood Control Project; and
 Eleventh priority to Truckee River Flood Project, N Edison Way Building Demolition and Removal

A Motion to accept the proposal ranking and subsequent submission to DEM was approved.

PUBLIC COMMENTS

No comments received.

REVIEW OF ACTION ITEMS

Elizabeth Ashby will distribute an announcement to local jurisdictions and public works agencies, requesting proposals for mitigation projects with budgets between \$50,000 and \$100,000.

Terri Garside will ask Diane dePolo to prepare a proposal for up to \$15K for converting Washington State's earthquake educational documents for use during Earthquake Awareness and Preparedness Week.

Elizabeth Ashby will contact one of the rural communities about hosting a Spring NHMPC meeting.

ADJOURN

The November 5th meeting adjourned at 4:20 p.m.

Respectfully submitted by Terri Garside, November 25, 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		\$	726,541.00		
	State Management Costs	\$	226,808.97		
	5% Initiative Public Awareness	\$	36,327.00		
	7% Planning Project	\$	50,858.00	\$	50,352.00 Elko Co.
	Regular Projects	\$	412,547.03	\$	413,053.03 SPWB & State Parks

Proposals

Requesting Entity	Federal Award	Expended	Balance	Status as of:	2-Nov-09
State Parks	\$ 87,202.03	\$ 87,202.03	\$ -	Closing Request pending at FEMA Region IX	
Elko County	\$ 50,352.00	\$ 50,352.00	\$ -	CLOSED	
SPWB	\$ 325,851.00	\$ 184,742.59	\$ 141,108.41	The request for closure is pending at FEMA Region IX.	
Public Awareness	\$ 36,327.00	\$ 36,309.92	\$ 17.08	CLOSED	
Total	\$ 499,732.03	\$ 358,606.54	\$ 141,125.49		

State Management Costs					
UNR	\$ 42,493.20	39,048.13	\$ 3,445.07		
DEM	\$ 184,315.77	63,373.67	\$ 120,942.10	Expires Nov 23 2009	
Subtotal	\$ 226,808.97	102,421.80	\$ 124,387.17	\$ -	
Total	\$ 726,541.00	\$ 461,028.34	\$ 265,512.66		

Hazard Mitigation Grant Program

FEMA-1583-DR-NV
DISTRIBUTION

Available Funding

12-Month Lock-In \$ 533,519.00

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

Proposals

Requesting Entity	Federal Award	Expended	Balance	Status as of:	2-Nov-09
State Parks	\$ 25,851.00	\$ 25,851.00	\$ -	CLOSED	
SPWB	\$ 469,497.00	\$ 328,518.80	\$ 140,978.20	The request for closure is pending at FEMA Region IX.	
UNR Risk Assessmt	\$ 37,346.00	\$ 37,346.00	\$ -	CLOSED	
Total	\$ 532,694.00	\$ 391,715.80	\$ 140,978.20		
State Management Costs	\$ 825.00	825.00	\$ -	<u>Will request closure after Dec 4.</u>	
Total	\$ 533,519.00	\$ 392,540.80	\$ 140,978.20		

Hazard Mitigation Grant Program

Proposal deadline: 23-Aug-06

**FEMA-1629-DR-NV
DISTRIBUTION**

		\$625,497.00
Allowable		
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	Status as of:	2-Nov-09
Sparks	\$25,125.00	\$22,872.00	\$2,253.00	Moved to Management Costs	

Proposals Planning

State Plan Update	\$45,675.00	\$37,835.38	\$7,839.62		
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Proposals Regular Projects

Washoe Co School	\$444,017.00	\$33,487.99	\$410,529.01	Closed - \$288,024 Transferred to Mgmt costs	
Reno- Lawton Interceptor	\$ 137,680.00	\$0.00	\$137,680.00	Pending - NDOW approval of project design/NEPA review OK	
Total Requested	\$ 652,497.00	\$ 94,195.37	\$ 558,301.63		

State Management Costs					
UNR - NHMPC support	\$ 150,364.63		\$ 150,364.63		
UNR - Planning Sub. Support	\$ 45,478.73		\$ 45,478.73		
DEM	\$ 95,033.00		\$ 95,033.00		
Subtotal	\$ 290,876.36	\$ -	\$ 290,876.36		
	\$ 499,356.36				
	\$ 178,028.96			Deobligated and returned to FEMA	

Hazard Mitigation Grant Program

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

Proposal deadline:

12 MONTH LOCK IN AMOUNTS

			\$475,538.00		
Allowable				State Management	\$23,253.81
5% Initiative	\$23,776.90				
7% Planning Project	\$33,287.66		\$14,028.00		
Regular Projects	\$404,445.44				

Proposals 5% Initiative

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Aug-09
URM inventory - NBMG	\$23,776.90		\$23,776.90	In Process	

Proposals Planning

Lyon County Plan I	\$33,287.66		\$33,287.66	In process	
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Proposals Regular Projects

Lyon County Plan II	\$14,028.00	\$ -	\$14,028.00		In Process
City of Reno Dant Wash	\$304,000.00	\$ -	\$304,000.00		Necessary reduction
SPWB Ely Camp	\$418,473.00	\$ -	\$418,473.00	\$14,027.56	Necessary reduction

Total Requested	\$736,501.00	\$0.00	\$736,501.00		
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State Management Costs	\$23,253.81	1,006.17	\$22,247.64		
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DIVISION OF EMERGENCY MANAGEMENT

Pre-Disaster Mitigation Grants

2004-2005

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Nov-09
UNR-BMG	\$ 60,063.50	\$ 60,063.25	\$0.25	Additional information requested by FEMA Region IX for closure	

2006

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Nov-09
Elko Band Council	29,115.00	14,525.88	\$14,589.12	Tech Assist provided Oct 12 & 13 pending receipt of revised draft Requested and received no cost time extension to Dec 09	

2007

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Nov-09
Storey County Plan	\$ 26,377.50	\$ 26,377.50	\$ -	Submitted to FEMA 2-Nov-09	
Esmeralda Co. Plan	\$ 24,949.50	18,064.64	6,884.86	Final editions in process- new staff at consulting firm	
Washoe Co. Plan	\$ 38,406.75	35,302.14	3,104.61	In process	
Henderson Sewer	\$ 377,853.00	79,744.28	\$ 298,108.72	Will coordinate site visit after December 4	

Subtotal \$ 467,586.75 \$ 159,488.56 \$ 308,098.19

Management Costs (10% of federal funds received)	\$ 46,758.68	\$ 19,040.98	\$ 27,717.70	Used for Tech Assist both planning and project awards	
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Total \$ 514,345.43 \$ 178,529.54 \$ 335,815.89

2008

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Nov-09
Reno - Sky Tavern Wildfire	\$ 464,081.50	\$ -	\$ 464,081.50	Almost awarded - final posting of NSF	
Clark Co. Mit Plan update	\$ 56,985.42	\$ -	\$ 56,985.42	No activity reported. Will coordinate site visit after December 4	

Subtotal \$ 521,066.92

Management Costs (10% of federal funds received)	\$ 52,106.69	\$ -	\$ 52,106.69	Pending Sky Tavern award	
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Total \$ 573,173.61

2009 - Pending

Requesting Entity	Federal Grant	Expended	Balance	Status as of:	2-Nov-09
Douglas County Emerg. Mgmt.	\$ 643,440.00	\$ -	\$ 643,440.00	FEMA requested additional information prior to NEPA review	
Douglas County Emerg. Mgmt.	\$ 651,100.00	\$ -	\$ 651,100.00	FEMA requested additional information prior to NEPA review	

Subtotal \$ 1,294,540.00

Management Costs (10% of federal funds received)	\$ 129,454.00
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Total \$ 1,423,994.00

2010 - OPEN and in process

12 notices of intent