

Minutes of the  
Nevada Hazard Mitigation Planning Committee  
7 May 2008

The Nevada Hazard Mitigation Planning Committee (NHMPC) met from 3:30 p.m. until 5:42 p.m. on Wednesday, May 7, 2008 in the Clark County Department of Development Services, Las Vegas, Nevada. These minutes and related documents are posted on the Web site for the committee (<http://www.nbmng.unr.edu/nhmipc/nhmipc.htm>).

Attendees included:

Elizabeth Ashby, Nevada Division of Emergency Management (DEM)  
Scott Ball, MWH Americas  
Mike Cyphers\*, Henderson Emergency Management  
Craig dePolo, Nevada Bureau of Mines and Geology  
Gary Dunn\*, City of Sparks  
Gale Fraser\*, Clark County Regional Flood Control District  
Terri Garside, Nevada Bureau of Mines and Geology  
Kelvin Hickenbottom\*, Nevada Division of Water Resources  
David Kennard, FEMA, Region IX  
Michael Klug, Nevada Division of Forestry  
Rick Martin, Division of Emergency Management  
Jonathan Price\*, Nevada Bureau of Mines and Geology  
Jim Reagan\*, Sierra Pacific and Nevada Power  
Jeanne Ruefer\*, Washoe County Department of Water Resources  
Wanda Taylor, UNLV Geoscience Department  
Jim Walker\*, Nevada Department of Transportation

\* indicates a member of the Board of Directors.

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

Bob Ashworth\*, Nevada Division of Forestry  
Press Clewe\*, Washoe County resident  
Rick Diebold\*, Las Vegas Fire Department  
Margie Gunn Nutman\*, Lincoln County Emergency Management  
Ron Lynn\* Department of Development Services, Clark County Building Department

**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 1, 2007**

The minutes of the 29 January 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/nhmipc/nhmipc.htm>.

**COMMITTEE REPORTS**

**Proposal Review Subcommittee**

Elizabeth Ashby reported that the Federal Emergency Management Agency (FEMA) plans to release the pre-disaster mitigation (PDM) grant application package early in June. Elizabeth sent a letter and preliminary schedule to Nevada communities, outlining the schedule and application process. Copies of what was mailed are posted on the DEM Web site at <http://dem.state.nv.us/>. Anyone interested in having the package emailed to them can contact Elizabeth at [eashby@dps.state.nv.us](mailto:eashby@dps.state.nv.us). (See attached.)

Jon Price said that Congressional staff have said that federal funding may not be available until about 6-months into the next federal fiscal year. Elizabeth said that they plan to have the applications ready and prioritized so that as soon as the funding is available, they can submit the proposals to FEMA.

Terri Garside, who participated in the PDM Grant Review Panel process, held in Landsdown, VA, March 2-15, 2008, reported on her experiences during the review process. One of the important things she felt should be stressed to applicants is to provide as much detail in their applications and to attach all supporting documentation. They should keep in mind that the reviewers base their recommendations on what is provided in the application package and do not have access to any other information. A lot of the applications were missing historic data, maps, engineering reports, and other supporting documentation that would have made the applications much more competitive. Another suggestion was to have someone else, who isn't familiar with the project, read the application to see if they understand what is being proposed, so needed changes can be made before it is submitted to FEMA.

Jon Price mentioned that he'd heard that the PDM grants may be available for communities to seek funding to strap down water heaters and/or propane tanks. Jon asked if David Kennard could provide us examples of successful projects that received funding from FEMA, so they could be used as examples for communities when applying for funding. David said that he will either send Terri Garside the examples or let her know where to find them in E-Grants.

### **Planning Subcommittee**

Jim Walker reported that the committee is meeting on a quarterly basis and trying to keep the State's hazard mitigation plan up to date. That way it will be current when it next comes up for review.

FEMA recently approved the Elko County plan.

Jim said that they would like to include a list of public unreinforced masonry buildings (URMs) in revised community plans and then incorporate those lists into the State's plan.

Jon Price stated that it was reported at the National Earthquake Conference that the return on mitigation dollars is 4:1. Gale Fraser reported they have a benefit:cost ratio of 2:1 for Clark County Regional Flood Control District projects.

## **NEVADA EVENTS**

### **Report on the City of Fernley Irrigation Canal Breach**

Rick Martin, Nevada Division of Emergency Management, gave a report on the January 5, 2008 Fernley canal breach. The Bureau of Reclamation reported that the breach was caused by rodents undermining the canal. Approximately 400 to 500 homes were impacted by floodwaters from the breach. A majority of the homes had water in their crawl space. Six homes were red tagged (considered uninhabitable). FEMA responded very quickly. The damage to infrastructure is estimated at \$3.5 million. Fernley received a disaster declaration. Three hundred and thirty-three individuals applied for assistance in the amount of \$2 million. Businesses received \$2.5 million in small-interest loans. The State of Nevada had \$5 million in one-shot appropriation funds, of which they distributed \$600 to \$700K for this disaster. Residents had to carry damaged items to the curb in order to receive funding from FEMA for the damage because FEMA could not enter homes. The Truckee/Carson Irrigation District (TCID) leases the canal from the U.S. Bureau of Reclamation. The TCID is responsible to maintain the canal. The preliminary estimate of damage is \$3,290,662. **Report on the City of Wells Earthquake**

Craig dePolo, Nevada Bureau of Mines and Geology, discussed the Wells, Nevada earthquake. He reported that the town quickly went into a recovery mode. The city of Wells and County of Elko pulled together to help those in Wells recover quickly. The earthquake was not unexpected, but Wells has a relatively low earthquake hazard, which should be a lesson for Clark County. The Wells earthquake

happened on February 21, 2008 and had a magnitude of 6.0. The epicenter was approximately 12 kilometers from the city center.

The city center is made up of mostly brick buildings. Most of the damage to the downtown area was from bricks falling off the buildings. Craig noted that the two people who died in the Paso Robles earthquake (December 22, 2003; magnitude 6.5) died because they exited the building and were hit by falling bricks. It's important for people to resist the urge to run outside a building during an earthquake, because debris and broken glass can fall off buildings and injure people.

Craig reported that quite a few chimneys fell during the earthquake. Because it was the end of February, it was imperative for those that relied on their fireplaces for heat to have their chimneys inspected right away and to have temporarily repairs made as quickly as possible.

Craig showed a photo of a television that fell off a shelf into a temporary crib of a 6-week infant. Fortunately, the baby was out of town the night of the earthquake. Had the earthquake happened the night before, the baby would have been in the crib and could have been the first fatality from an earthquake in Nevada.

Craig said he met with the community after the recovery efforts started and asked them what would have made their recovery easier. They responded that they could have used:

- A larger emergency response facility;
- Suck truck (vacuum truck) to repair sewer or water lines without having to dig up large areas looking for water leaks; and
- Post-earthquake assistance in preparing insurance claims, structural evaluations, and processing repairs.

#### **DIVISION OF EMERGENCY MANAGEMENT (DEM) UPDATE**

Elizabeth Ashby reported that DEM, FEMA, the Nevada Seismological Laboratory (NSL), and the Nevada Bureau of Mines and Geology (NBMG) are sponsoring two training classes on *Post-Earthquake Safety Evaluation of Buildings* (ATC-20 classes), one on June 3<sup>rd</sup> in Reno and one on June 4<sup>th</sup> in Las Vegas. These courses are designed for building inspectors and structural engineers who inspect buildings shortly after an earthquake and tag them as: unsafe and not to be occupied until a more detailed inspection by a structural engineer has been completed (red tagged), o.k. for limited entry but not for full, normal occupation until a more detailed inspection has been completed (yellow tagged), or fine for normal occupation (green tagged). There is no fee for this course, but pre-registration is required, so that FEMA provides the correct number of handouts.

If you are interested in the June 3<sup>rd</sup> class in Reno (7:30 a.m. to 5:00 p.m. on the UNR campus), please contact Terri Garside (tgarside@unr.edu, 775-784-4415) to register. There are 140 slots available for this class, and 103 are already taken.

If you are interested in the June 4<sup>th</sup> class in Las Vegas (7:30 a.m. to 5:00 p.m. at the Clark County Department of Development Services, 4701 Russell Road), please contact Dawn Rivard (mdawn@co.clark.nv.us, 702-455-8367) to register. There will be up to 160 slots available for this class.

DEM plans to post their training calendar on the DEM Web site, <http://dem.state.nv.us/>.

There are currently four disasters open and four PDM cycles open right now, for a total of eight grant projects DEM is currently managing. (See attached.)

Mitigation management costs for PDM funding have been reduced to 4.89% of total funding allocated. This is a change from the previous method of using a sliding scale, based on the total the state received from a disaster. This change includes a cost share of 75:25 in federal:non-federal funds. The PDM management costs are 10% of the total awarded to the state, but must be requested.

Gale Fraser mentioned that the House and Senate bills to reauthorize the National Flood Insurance Plan will expire on September 30, 2008 unless action is taken. The two bills discuss mapping the 500-year floodplain and the 100-year floodplain and notifying anyone that lives between the 100 and 500-year floodplain that they are within the 500-year floodplain and that flood insurance is available. They also include mapping areas of residual risk, which is defined as areas behind levees or downstream of detention basins. He believes that the House has passed their version of the bill but the Senate hasn't passed theirs.

David Kennard reported that the largest debt the federal government had to cover for the flood insurance system was \$2-3 billion dollars, and they had to borrow in excess of \$21 billion dollars to cover the damage from Hurricane Katrina.

Gale Fraser commented that the federal government collects approximately \$2.5 billion dollars a year in flood policy revenues. The damages from Hurricane Katrina were about \$15.6 billion, not counting the federal costs.

#### **NEVADA DIVISION OF FORESTRY RECOMMENDATIONS REGARDING WILDFIRES**

Michael Klug reported that the Division of Forestry would like to recommend that people plan to clear 300 feet of defensible space around their structures. He said that fire can spread so fast, and equipment isn't available to be stationed at every home, so it's now more "survival mode" rather than defensible space.

It was discovered in the southern California fires that the communities that had the plan to "shelter in place" were successful because of increased defensible space and the communities were prepared to take care of their occupants. Evacuations must be planned in advance; they don't work well when they are done at the last minute. This is especially true if there are limited evacuation routes.

Jim Reagan commented that if we're going to ask people to defend their space because firefighters and equipment may not be available, people are being put in danger because there are a lot of things that could happen to isolate people. If power lines are down, they may not be able to operate water pumps, and they may not be able to evacuate if it becomes necessary.

**ACTION ITEM:** Elizabeth Ashby will invite the Division of Forestry to come back at a later date to report on recommendations they would like the NHMPC to consider adopting.

Jon Price mentioned that the Nevada Earthquake Safety Council has been successful in passing legislation, and said that the NHMPC could use similar actions to pass legislation requiring updated fire codes.

It was mentioned that the State Hazard Mitigation Plan could include the increase of defensible space to 300 feet as a goal for hazard mitigation throughout the state.

#### **PRESENTATIONS**

##### **Truckee River Flooding**

Jeanne Rueffer with Washoe County Water Resources gave a presentation on the *Truckee River Flood Threat Detection and Washoe County's Damage Cluster for the January 2006 Floods*. Washoe County

Water Resources has a monitoring system that provides real-time, continually monitored (24/7) stream-gage data.

In the period of December 29, 2005-January 3, 2006, they were anticipating 11 to 12 inches of precipitation. The temperatures were not cold enough to have the precipitation come as snow, so they went on alert. On December 29<sup>th</sup> at 11:00 p.m. they issued a yellow alert. On December 30<sup>th</sup> at 10:00 a.m. they issued an orange alert and upped that to a red alert at 8:00 p.m. that same day.

They recently revised their flood detection plan. It is now regional, has a step structure, and automatically activates the Emergency Operations Center.

Because this was a precipitation runoff event and not rain on snow, there was a lot of runoff in the irrigation ditches. Water was escaping from the ditches and flooding surrounding areas. Jeanne noted that the ditches were not running at capacity, but the water was escaping from the ditches and flooding homes due to debris in the ditches (because the ditches had been closed in October but not cleaned out). In a normal year, they are closed in October and not maintained until spring. The ditches weren't being operated as storm-water facilities.

Part of the problem with maintaining the ditches is that it is difficult to get equipment into some areas of the ditches in order to clean them out. The County has now entered into agreements with the irrigation ditch owners to ensure debris is removed and that proper equipment is in place to keep them clear of debris so the ditches operate correctly in the winter season as they do in the summer season.

Jeanne mentioned that they need a public information plan to educate the public on proper use and maintenance of the ditches. They are working on mitigating some of the problem areas. The Toll Road area has an ephemeral stream that runs through private property and it flows through highly-erodible materials. The stream is usually dry but every time they have high water flow, people downstream are flooded. It is estimated to cost about \$12 million to mitigate the Toll Road flooding problem.

#### **Nevada Statutes Governing Irrigation Canals and Ditches**

Kelvin Hickenbottom with the Nevada Division of Water Resources gave a presentation on *Current Statutes Governing Canals, Ditches, and Flumes*. He reported that there is no law that requires ditch owners to inspect their ditches and channels for flood control. They hope to have fines and penalties in place by next July that will address this issue.

There was a discussion on possible recommendations regarding hazards from irrigation ditches and levees. Jon Price noted that it was discussed at the last meeting that the NHMPC would identify hazard areas and make recommendations to DEM for addressing those hazards.

Gale Fraser recommended a bill to mandate inspections of canals and levees in order to address potential problems. He further recommended that those downstream, or below a levee or canal, be notified that flood insurance is available to everyone.

Jeanne Reuffer mentioned concerns about the integrity of the irrigation ditches during the summer due to potential shaking and failure from an earthquake, like what happened in the Mogul area after the M 4.7 on April 25, 2008, when a rock fall damaged an irrigation flume.

**MOTION PASSED:** The Committee voted unanimously to recommend that: (1) State and local jurisdictions add breaches to irrigation ditches, levees, and other areas of residual risk from flooding as recognized hazards in the State Hazard Mitigation Plan and in local emergency operation plans; (2)

mapping of potential inundation zones in populated areas should be encouraged; and (3) homeowners be advised to purchase flood insurance in those zones.

**MOTION PASSED:** The Committee unanimously adopted a recommendation for DEM to request a bill draft for a state law to mandate annual inspections of irrigation systems and the reporting of those inspections to local jurisdictions.

**ACTION ITEM:** An item will be placed on a future agenda for a discussion on real estate disclosure of hazard zones. Elizabeth Ashby will invite a representative from the real estate industry to that meeting to discuss the hazard zone issue.

#### **ANNOUNCEMENTS OF FUTURE MEETINGS**

Wednesday, August 6, 2008

Wednesday, November 12, 2008

#### **PUBLIC COMMENTS**

No public comments were received.

#### **REVIEW OF ACTION ITEMS**

Elizabeth Ashby will invite the Division of Forestry to come back at a later date to report on recommendations they'd like to present to agency fire chiefs.

An item will be placed on a future agenda for a discussion on real estate disclosure of hazard zones. Elizabeth Ashby will invite a representative from the real estate industry to that meeting to discuss the hazard zone issue.

#### **ADJOURN**

The meeting adjourned at 5:42 p.m.

Respectfully submitted by Terri Garside, 27 May 2008

Nevada Hazard Mitigation Planning Committee  
c/o Nevada Bureau of Mines and Geology  
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**Introductory Pre-Application Document Package**  
**PRE-DISASTER MITIGATION GRANT**  
**2009 CYCLE**

To provide information, and ample time, to possible subgrantees of the State of Nevada about the Pre-Disaster Mitigation 2009 grant cycle; the Division of Emergency Management (DEM) is providing this Pre-application document package. **The intent of this package is to have subgrantees begin the process of identifying and preparing possible planning and construction projects for the Pre-Disaster Mitigation Competitive Grant, 2009 cycle (PDM-09).** DEM has not received formal notice of the opening of the PDM grant application period. This is not a notice of availability of funds. The cost share for PDM funding is 75 percent federal 25 percent sub-applicant.

The final application will not be accepted in a paper format. When FEMA provides the formal notice of the opening of the application period, the subgrantee must complete the web-based application in FEMA's eGrants system. The eGrants system is currently open and available.

The grant is expected to open in June and close late December this year.

The following documents are found on the DEM website [www.dem.state.nv.us](http://www.dem.state.nv.us) for your use and reference to begin identifying and developing proposals for the PDM-09 application cycle.

1. 2008 Guidelines
2. Benefit Cost Analysis Guidelines
3. Notice of Interest
4. PDM-C Sample Application
5. Evaluation Tips
6. Match Commitment Letter Sample
7. State Prioritization Criteria

**The following depicts the process for Nevada's applications.**

1. Submission of sub-applications to DEM as applicant agent
2. The Nevada Hazard Mitigation Planning Committee prioritizes sub-applications.
3. DEM forwards one all-encompassing application to FEMA with prioritized sub-applications.
4. FEMA reviews at the national level and approves/disapproves sub-applications.
5. FEMA notifies Nevada of approved/disapproved sub-applications
6. DEM provides award documents to sub-applicants

**The details for the guidelines of the 2008 cycle are available at <http://www.fema.gov/government/grant/pdm/>.**

Expect some changes for the 2009 cycle, but the probability is high that the general eligibility criteria will be the same.

Please contact Elizabeth Ashby, Mitigation Officer, at (775) 687-0314 ([eashby@dps.state.nv.us](mailto:eashby@dps.state.nv.us)) for further information or assistance with the package. A Notice of Interest must be received by DEM to provide access to FEMA's web-based system, eGrants.

## PDM-09 CALENDAR 1

Deadline	Document(s) Due
Thursday, July 3, 2009	<ol style="list-style-type: none"><li>1 <i>Notice of Interest</i></li><li>2 <i>eGrants Roles Authorization Request Form</i></li></ol>
Thursday, October 2, 2009	<i>Submission of Benefit Cost Analysis with data documentation to DEM.</i>
Thursday, November 13, 2009	<ol style="list-style-type: none"><li>1 <i>Submission of Hard Copy documents to State (DEM)</i></li><li>2 <i>Submission of Application to State (DEM)</i></li></ol>
Tuesday, December 4, 2009	<i>Nevada Hazard Mitigation Planning Committee's Proposal Review Subcommittee meeting</i>
<b>FEMA's Submission Deadline ?</b>	

*Log on to [www.dem.state.nv.us](http://www.dem.state.nv.us) for forms, under  
Hazard Mitigation Projects*

*And*

*[www.fema.gov/government/grant/pdm/fy2008.shtm](http://www.fema.gov/government/grant/pdm/fy2008.shtm)  
for guidelines*



# MITIGATION REPORT DPS/Div. of Emergency Management

Mitigation Officer

May 2008

- 1) **Pre-Disaster Mitigation Application:** - 2009 Preliminary package posted at [www.dem.state.nv.us](http://www.dem.state.nv.us), Hazard Mitigation Projects
- 2) **Scheduled Workshops/meetings** – Applied Technology Council-20 and FEMA 154 workshop for earthquake damage assessment.
  - a) Las Vegas, June 4<sup>th</sup> 8 to 5:00 4701 West Russell Rd.
  - b) Reno, June 5<sup>th</sup> 8:00 to 5:00 UNR Joe Crowley Student Union Ballroom,
  - c) Vigilant Guard 08, June 12-19
  - d) DEM events calendar posting at [www.dem.state.nv.us](http://www.dem.state.nv.us)
- 3) **Planning:**
  - a) State Update approved October 31, 2007, revised version available for review at [www.dem.state.nv.us](http://www.dem.state.nv.us).
  - b) Approved FEMA plans
    - i) Carson City
    - ii) Clark County
    - iii) City of Reno
    - iv) City of Sparks
    - v) Elko County
    - vi) Truckee Meadows Water Authority
    - vii) Nye County
    - viii) Lincoln County
    - ix) Washoe County
    - x) Washoe Tribe of NV& CA
  - c) Plan Approval Pending FEMA final letter by local jurisdiction
    - i) Douglas County
  - d) Plans under Development
    - i) Elko Band Council
    - ii) Esmeralda County
    - iii) Storey County
    - iv) Washoe County Regional

## **National information.**

1. The 2008 Association of Flood Plain Managers will meet in Reno. May
2. Management costs for Post-Disaster mitigation (HMGP) funding reduced to a 4.89% of total funding allocated. This change includes a cost share of 75%/25% not necessary prior to November 13, 2007. PDM management costs are 10% of total awarded to State, but must be requested.
3. PDM is authorized by Congress through 2008 – no news about its continuation.
4. FEMA is merging the Pre-Disaster Mitigation, Hazard Mitigation, Severe Repetitive Loss, Flood Management Assistance and Repetitive Flood Claim grant programs into one electronic application. DEM manages the first 2 programs. Division of Water Resources manages the remaining three programs.

DIVISION OF EMERGENCY MANAGEMENT  
 Hazard Mitigation Grant Program

FEMA-1540-DR-NV  
**DISTRIBUTION**

<b>Available Funding</b>			
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 Elko Co.
	\$	412,547.03	\$ 413,053.03 SPWB & State Parks

Proposals	Federal			Match	Total	Balance	Status as of:
	Requesting Entity						

State Parks	\$	87,202.03	\$	29,067.00	\$	116,269.03	In Process
Elko County	\$	50,352.00	\$	16,784.00	\$	67,136.00	Plan pending final approval upon adoption by communities
SPWB	\$	325,851.00	\$	108,617.00	\$	434,468.00	Funds awarded
Public Awareness	\$	36,327.00	\$	12,109.00	\$	48,436.00	CLOSED
	\$	499,732.03	\$	166,577.00	\$	666,309.03	
State Management Costs	\$	226,808.97		75,602.99	\$	302,411.96	UNR - DEM in process
<b>Total</b>	\$	726,541.00	\$	242,179.99	\$	968,720.99	

Hazard Mitigation Grant Program

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

Proposal deadline: 23-Aug-06

\$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	Match	Total	Balance	Status as of:
Sparks	\$25,125.00	\$8,375.00	\$33,500.00		30-Apr-08 CLOSED

**Proposals Planning**

State Plan Update	\$45,675.00	\$15,225.00	\$60,900.00		Extended to 2009
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**Proposals Regular Projects**

Washoe Co School	\$444,017.00	\$148,005.67	\$592,022.67		Architectural and Engineering approved. Awarded 10% of total request - A & E pending
Reno- Lawton Interceptor	\$ 137,680.00	\$45,893.33	\$183,573.33		Architectural and Engineering approved. Awarded - project award pending at FEMA.
<b>Total Requested</b>	<b>\$ 652,497.00</b>	<b>\$ 217,499.00</b>	<b>\$ 869,996.00</b>		

Hazard Mitigation Grant Program

FEMA-1738-DR-NV

Proposal deadline:

draft DISTRIBUTION

30-DAY LOCK IN AMOUNTS

\$675,947.00

Allowable					
5% Initiative	\$33,797.35				State Management \$33,054.00
7% Planning Project	\$47,316.29				
Regular Projects	\$594,833.36				

Proposals 5% Initiative

Requesting Entity	Federal	Match	Total	Balance	Status as of:
Wayne Carlson's shop URM id	\$33,797.35	\$11,265.78	\$45,063.13		30-Apr-08

Proposals Planning

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

<b>Total Requested</b>	\$ 81,113.64	\$ 27,037.88	\$ 108,151.52		



DIVISION OF EMERGENCY MANAGEMENT

Pre-Disaster Mitigation Grants

2004-2005		Federal	Match	Total	Balance	Status as of:
Requesting Entity						30-Apr-08
UNR-BMG	\$	60,063.50	\$ 20,021.17	\$ 80,084.67		HAZUS Data Base new HAZUS version Extended to 2009
2006		Federal	Match	Total	Balance	Status as of:
Requesting Entity						30-Apr-08
Elko Band Council		29,115.00	9,705.00	38,820.00		Change in staffat Elko Band, no update.
2007		Federal	Match	Total	Balance	Status as of:
Requesting Entity						30-Apr-08
Storey County Plan	\$	26,378.00	\$ 8,792.67	\$ 35,170.67		Approved and in proces
Esmeralda Co. Plan	\$	24,950.00	8316.67	33,266.67		Approved and in proces
Washoe Co. Plan	\$	38,609.00	12869.67	51,478.67		Approved and in proces
Henderson Sewer	\$	377,853.00	125951.00	503,804.00		Approved and in Process
Subtotal	\$	467,790.00	\$ 155,930.00	\$ 623,720.00		
Management Costs (10% of federal funds received)	\$	46,779.00	\$ 15,593.00	\$ 62,372.00		UNR's assistance with 1 year mitigation plan update
Total	\$	514,569.00	\$ 171,523.00	\$ 686,092.00		
2008		Federal	Match	Total	Balance	Status as of:
Requesting Entity						30-Apr-08
Reno - Sky Tavern Wildfire	\$	464,081.50	\$ 162,081.50	\$ 626,163.00		
Henderson - Sewer 1	\$	450,146.84	150,048.95	600,195.79		
Henderson - Sewer 2	\$	765,214.57	255071.52	1,020,286.09		
Lake Tahoe Sewer Dist.1	\$	36,000.00	12000.00	48,000.00		
Clark Co. Milt Plan update	\$	56,985.42	18995.14	75,980.56		
Subtotal	\$	1,772,428.33	\$ 598,197.11	\$ 2,370,625.44		
Management Costs (10% of federal funds received)	\$	177,242.83	\$ 59,080.94	\$ 236,323.78		
Total	\$	1,949,671.16	\$ 657,278.05	\$ 2,606,949.22		