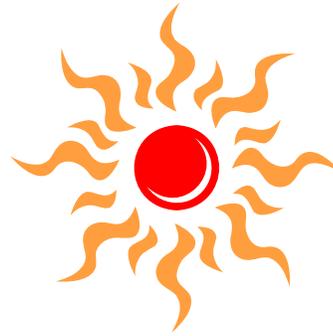


*Approved April 11, 2006*



**HYDROLOGY COMMITTEE CONFERENCE CALL  
SAN JUAN RIVER BASIN RECOVERY IMPLEMENTATION PROGRAM  
FEBRUARY 7, 2006**

**Member/Alternates Present**

Pat Page, Chairman  
Ray Alvarado  
Brian Westfall

Aaron Chavez (Alternate) for Randy Kirkpatrick  
Bill Miller  
Steve Harris  
Dave Frick  
Ron Bliesner

Rick Cox  
John Whipple

**Other Interested Parties**

Dave King  
Erik Knight  
David Campbell

Joann Perea-Richmann

**Representing**

U.S. Bureau of Reclamation  
Colorado Water Conservation Board  
Keller-Bliesner Engineering (Bureau of  
Indian Affairs)  
Water Development  
Miller Ecological Consultants, Inc.  
Water Development  
Jicarilla Apache Nation  
Keller-Bliesner Engineering (Bureau of  
Indian Affairs)  
Water Development  
State of New Mexico

U.S. Bureau of Reclamation  
U.S. Bureau of Reclamation  
Program Coordinator  
U.S. Fish and Wildlife Service, NM  
Ecological Services  
Program Support Assistant  
U.S. Fish and Wildlife Service, NM  
Ecological Services

**INTRODUCTIONS, REVIEW AND APPROVAL OF AGENDA**

Agenda was reviewed and approved.

**REVIEW OF MINUTES FOR NOVEMBER 15, 2005**

Minutes approved ready to post on website.

**REVIEW OF ACTION ITEM LOG**

Changes have been noted on attached action log.

### **BUDGET REPORT**

- ❖ Pat Page reported that the Budget and Expenditures format has been changed (per attachment) to reflect changes to tasks 1-7 which are listed in the FY 2006 SOW. Task 1 reflects the total budget for testing and implementing the new flow recommendations which includes funding from FY2004-FY2006. Tasks 2-7 are included in the FY2006 funds which include \$15,000 that was carried over from FY2005.

### **STATUS REPORT**

- ❖ Dave King reported that several adjustments to the StateMod have been completed; the 2005 and 2006 configurations have been incorporated without the data on lawn and garden acreage information from New Mexico.
- ❖ The 2004 data has been received. The model will be updated and then start flow recommendation in March 2006.
- ❖ Revised flow recommendation work will consist of modeling and testing revisions, and depending on the outcome of the results will be complete by June 30, 2006.

### **UPDATE ON REVISED FLOW RECOMMENDATIONS**

- ❖ Pat Page stated that all the necessary data needs to be received as soon as possible so that revised flow recommendation work can be completed by June 30, 2006.
- ❖ Assuming revised flow recommendation work is completed on time, requests for model runs after June 2006 will be done using the Generation 3 model.

### **HYDROLOGIC CONDITIONS**

#### **Navajo Reservoir** – John Simmons reported

- ❖ Forecast has dropped from the mid Jan (62%) to Feb 1<sup>st</sup>, (53%).
- ❖ Target base flows are 600-700 cfs.
- ❖ The decision tree calls for the minimum spring release, 7 days at 5000 cfs.
- ❖ No maintenance work is scheduled for this year.
- ❖ September 2006 EOM content is projected to be 1,433,000 af or 108% of average.

#### **Releases**

- ❖ Currently at 350 cfs

### **NEW PROJECTS**

- ❖ Final BO for Navajo Reservoir Operations was received. Final EIS and ROD scheduled for June 2006.
- ❖ Draft BO on Navajo-Gallup Water Supply Project scheduled for April 2006.
- ❖ A new power plant south of Shiprock is being planned. Water supply will be from groundwater (4,500 acre-feet).

### **2006 MEETING/CONFERENCE CALL SCHEDULE**

The following meeting/conference call dates were selected

- April 11 – Conference Call, 9 am – Noon
- June 13 – Meeting in Farmington, NM @ Civic Center, 9 am – 3 pm
- September 12 – Meeting in Farmington, NM @ Civic Center, 9 am – 3 pm
- December 12 – Conference Call, 9 am - Noon

### **ACTION ITEMS**

- **NONE**

**MEETING ADJOURNED AT 10:00 AM**

**HYDROLOGY COMMITTEE ACTION ITEM LOG**  
**(Updated February 17, 2006)**

	<i>Action Item</i>	<i>Meeting/ Origination Date</i>	<i>Responsible Party</i>	<i>Due Date</i>	<i>Revised Date</i>	<i>Date Completed</i>
4	Add model runs and other information to the permanent hydrology website: <a href="http://uc.usbr.gov">http://uc.usbr.gov</a>	7/25/01	Erik Knight	Ongoing		
5	Model modification briefings.	7/25/01	Reclamation and Keller-Bliesner	Ongoing		
12	Any new data or methods incorporated into RiverWare or State Mod will be shared with the Hydrology Committee.	7/25/01	Keller-Bliesner and Reclamation	Ongoing		
34	Gage error analysis discussion: the Hydrology Committee still needs to determine whether big losses are due to daily desegregation. The Committee has the option to re-evaluate losses once the 3 <sup>rd</sup> Generation model is complete.	11/27/01	Hydrology Committee	Ongoing	Postponed until StateMod analysis is completed	
105	USGS agreed to give a presentation annually to the Hydrology Committee regarding the effectiveness of the gage readings.	8/5/03	USGS	June 13, 2006	Annually	
136	Coordinate documentation for depletion differences for Gen 2 & Gen 3	5-18-04	Ron Bliesner & Dave King	03-01-06		
139	Committee will report any new projects which will be coming up.	5-18-04	Hydrology Committee	Ongoing		

**HYDROLOGY COMMITTEE ACTION ITEM LOG**  
**(Updated February 17, 2006)**

	<i>Action Item</i>	<i>Meeting/ Origination Date</i>	<i>Responsible Party</i>	<i>Due Date</i>	<i>Revised Date</i>	<i>Date Completed</i>
140	Follow-up on (USGS) gage at Archuleta right-of-way <b>AGENDA ITEM at June meeting</b>	5-18-04	Pat Page	06-13-06		
141	Budget Report to include foot notes with explanation of expenditures.	11-9-05	Pat Page, Dave King and (HC comments)	Ongoing		

**Modeling Budget and Expenditures for FY 2006**  
**2/2/2006**

Task	Description	Budget	Expended	Balance	% Expended	% Completed
1	Develop, test, and implement new flow recommendations.	\$ 138,563	\$ 22,248	\$ 116,315	16%	16%
2	Maintain data.	\$ 13,320	\$ 1,296	\$ 12,024	10%	9%
3	Maintain model.	\$ 11,184	\$ 1,296	\$ 9,888	12%	12%
4	Maintain software associated with model and data.	\$ 4,992	\$ 1,296	\$ 3,696	26%	26%
5	Model operations for Hydrology Committee and new projects.	\$ 17,800	\$ -	\$ 17,800	0%	0%
6	Program management and coordination.	\$ 5,592	\$ 2,869	\$ 2,723	51%	51%
7	Technical transfer.	\$ 6,192	\$ -	\$ 6,192	0%	0%
Other	O&M Travel, RiverWare, etc	\$ 8,610	\$ 3,046	\$ 5,564	35%	35%
Total to date		\$ 206,253	\$ 32,051	\$ 174,202	16%	15%

**Budget Notes**

1. Task 1 budget includes FY 2005-2006 funds since it is a carryover task. All other tasks are FY2006 funds only.
2. FY2006 portion of Task 1 is \$43,560, which includes the \$15,000 carried over from FY2005

**Status of Task Activities - 2/2/2006**

Task	Description	Task Activities
1	Develop, test, and implement new flow recommendations.	Minimal activity in FY06 to date. Some analysis completed in FY2005. We anticipate commencing work on the revised flow recommendations the first week of March.
2	Maintain data.	Commenced updating of climate and Reclamation data through 2004. Obtained New Mexico lawn and golf course acres and commenced incorporation of these data. Incorporation of New Mexico lawn and golf course acreages was not anticipated. However, this needs to be done to improve the natural flow computations and gage balances.
3	Maintain model.	Completed updating of RiverWare models through 2003 and analyzed output of monthly models; in particular, San Juan Chama. The technical team proposes to update both the data and models through 2004 before commencing work on the revised flow recommendations.
4	Maintain software associated with model and data.	Updated TSTool software and database (Colorado data thru 2004). Updated HEC DSS VUE software.
5	Model operations for Hydrology Committee and new projects.	No activity in FY 2006 to date.
6	Program management and coordination.	Modeler prepared budget updates and participated in meetings.
7	Technical transfer.	No activity in FY 2006 to date.