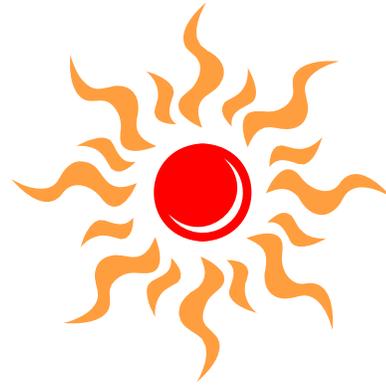


*Approved February 7, 2006*



**DRAFT HYDROLOGY COMMITTEE CONFERENCE CALL  
SAN JUAN RIVER BASIN RECOVERY IMPLEMENTATION PROGRAM  
NOVEMBER 15, 2005**

**Member/Alternates Present**

Pat Page, Chairman  
Ray Alvarado  
Chuck Lawler  
Brian Westfall  
Aaron Chavez (Alternate)  
Pat Turney  
Steve Cullinan  
Bill Miller  
Steve Harris  
John Simons  
Dave Frick  
Ron Bliesner

**Representing**

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

**Other Interested Parties**

Dave King  
Molly Magnuson  
David Campbell  
Joann Perea-Richmann

U.S. Bureau of Reclamation  
Interstate Stream Commission  
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 modified to include discussion on request for model run recently received from New Mexico.

**REVIEW OF MINUTES FOR JUNE AND AUGUST 2005**

Approved June and August minutes with minor changes then post on website.

**REVIEW OF ACTION ITEM LOG**

Changes have been noted on log.

## **BUDGET REPORT**

- ❖ Pat Page pointed out to the committee that some of the numbers show in the budget report (both the “% Completed” and “% Expended”) are not accurate due to a variety of reasons. It was requested that the budget and status reporting be improved. Ron requested that the report be sent to him prior to the meetings so that he could provide input on Keller-Bliesner’s portion of the work.
- ❖ Tetra-Tech’s contract with Reclamation, which is the mechanism for reimbursing Keller-Bliesner for model work, has been extended until June 2006.

## **STATUS REPORT**

- ❖ Dave King reported that there were some problems obtaining information on Long Hollows data implemented in to the state mod. He stated that Colorado has completed their end of this process. Ray Alvarado reported that the data from Long Hollow has been included and complete. Dave King stated once this information was received he will review and incorporate the information and move forward.

## **UPDATE ON REVISED FLOW RECOMMENDATIONS**

- ❖ Dave King reported they are still waiting for New Mexico to provide lawn acreage data for irrigation depletions to include up to year 2003. Pat Turney said she would check with John Whipple before forwarding.
- ❖ Pat Page emphasized the need to get all the necessary data soon so that revised flow recommendation work could be completed by June 30, 2006.
- ❖ Requests for model runs for 2006 after June will be done using Gen 3 model.

## **HYDROLOGIC CONDITIONS**

John Simons reported that conditions were good.

### **Navajo Reservoir**

- ❖ Currently the reservoir water surface elevation is within 10 ft of spillway.
- ❖ Inflows in October were 154% of average,
- ❖ The three month forecast for Nov – Jan 06 from National Weather Service exceeds 100% of the average inflow.
- ❖ Inflow for 2006 Water year is estimated to be about 98% of average, which indicated the maximum spring release of 21 days 5,000 cfs would be made. Reservoir is predicted to rise withing 3 feet of spillway under this scenario.

### **Releases**

- ❖ Currently at 500 cfs; target baseflows are close to 900 cfs

## **NEW PROJECTS**

- ❖ Ron Bliesner indicated that the Navajo-Gallup Water Supply Project BA has been submitted to the Service.
- ❖ BO for Navajo-Gallup Reservoir Operations is currently being reviewed by the Services’ solicitor’s office.
- ❖ Pat Page stated they are working on the renewal of the minor Jicarilla subcontracts.

## **REQUEST FOR MODEL RUN FROM NM**

Pat Page presented New Mexico’s request for a model run using a scenario which includes the same depletions uses/configuration used in the Navajo-Gallup Water Supply Project BA, but without the depletion guarantee and without operating the reservoir to meet flow recommendation.” Model run request attached).

- ❖ After some discussion, it was determined that this was not a SJRIP-related run. Pat Page stated that this run could be funded using Reclamation funds allocated to the Hydrologic determination process.
- ❖ There was concern from some of the HC member that this work could impact the schedule for the revised flow recommendations work since it would involve both Reclamation and Keller-Bliesner

modelers. Ron stated he would talk to John Whipple to determine what level of effort would be involved in making the requested model run.

**2006 MEETING/CONFERENCE CALL SCHEDULE**

The following meeting/conference call dates were selected (note: all meetings will be in Farmington)

- o February 7 – Meeting in Farmington, NM @ Civic Center, 9 am – 3 pm
- o April 11 – Conference Call, 9 am – Noon
- o June 13 – Conference Call, 9 am – Noon
- o September 12 – Meeting in Farmington, NM @ Civic Center, 9 am – 3 pm
- o December 12 – Conference Call, 9 am - Noon

**ACTION ITEMS**

- ❖ Dave King and Pat Page will update budget sheet to accurately reflect % expenditures and % work completed
- ❖ Pat Page will send Rick Cox memo from BC to HC on revised flow recommendations.
- ❖ Aaron Chavez will find out Archuleta Gage contact and provide information to Pat Page.

**MEETING ADJOURNED AT 11:30 AM**

**From:** "Whipple, John J., OSE" <john.whipple@state.nm.us>  
**To:** <ppage@uc.usbr.gov>  
**Date:** 11/4/2005 4:20:57 PM  
**Subject:** model run

Pat:

The State of New Mexico requests that the San Juan River Basin Hydrology Model run a scenario that includes the same depletions/uses/configuration, etc., that are in the Navajo-Gallup Water Supply Project Biological Assessment, but without the depletion guarantee and without operating the reservoir to meet flow recommendations (ie, pre-1991 historic operation rules and no flow recommendations). The model run results, when compared to those used in the Biological Assessment, will be used by New Mexico to assess the incremental impact on Navajo Reservoir evaporation losses resulting from operating the reservoir to meet the flow recommendations under the indicated level of development. Please forward this request through the SJRIP Hydrology Committee and place it on the agenda for approval at the committee's November 15 conference call, unless Reclamation or KBE can make the requested model run without SJRIP funding to do it.

New Mexico also requests that the Bureau of Reclamation or KBE provide to New Mexico the monthly pan evaporation and precipitation rates for Navajo Reservoir used in the Navajo-Gallup Project Biological Assessment model run for the period of hydrologic record, and the monthly end-of-month elevation, storage and surface area for Navajo Reservoir that resulted from the model run of the Biological Assessment for the period modeled. New Mexico will use these data in combination with other available data to assess the pre-reservoir water losses within the area inundated by the reservoir.

Thank you for your assistance.

John Whipple

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**CC:** <bliesner@kelbli.com>, <randy.seaholm@state.co.us>, <rleach@uc.usbr.gov>



**HYDROLOGY COMMITTEE ACTION ITEM LOG**  
 (Updated November 17, 2005)

	<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		Postponed until StateMod analysis is completed	
58	John Whipple will provide a written statement of New Mexico's concerns re: State Mod. Based on that, Ray Alvarado will provide a written description of StateMod. New Mexico's comments have not yet been received. [10/29/02] Still on New Mexico's back burner.	5/7/02	John Whipple Ray Alvarado	6/17/02	2-7-06 Pat Page will check with John W. to see if this should remain.	
105	USGS agreed to give a presentation annually to the Hydrology Committee regarding the effectiveness of the gage readings.	8/5/03	USGS	Ongoing Pat P. will invite to the 2-7-06 mtg, there has been a change in Administration	Annually	

	<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>
115	New Mexico will present issues associated with forbearance.	10/14/03	John Whipple	Extended	2-7-06 Pat Page will check with John to see if this should remain and transfer to Pat Turney.	
124	USBR will conduct a comparison of Riverware versions whenever a new <del>version</del> release is available, analyze the results, and recommend to the HC whether and when to incorporate the new version.	1/21/04	Pat Page	Ongoing	Was updated on SOW.	
136	Coordinate documentation for depletion differences for Gen 2 & Gen 3	5-18-04	Ron Bliesner & Dave King	Ongoing		
139	Committee will report any new projects which will be coming up.	5-18-04	Hydrology Committee	Ongoing		
140	Follow-up on (USGS) gage at Archuleta right-of-way <b>AGENDA ITEM</b>	5-18-04	Pat Page	7-13-04	2-7-06 Aaron Chavez will research owner and report back to Pat Page	
141	Budget Report to include foot notes with explanation of expenditures.	11-9-05	Pat Page, Dave King and (HC comments)			