

August 15, 2001

**San Juan River Basin
Recovery Implementation Program
Hydrology Committee
July 25, 2001
Conference Call Summary**

Members/Alternates Present:

Errol Jensen, Chairman
Ray Alvarado
Ron Bliesner
Rick Cox
Steve Cullinan
Mike Hamman
Steven Harris
Bill Miller
John Simons
Pat Turney
Brian Westfall

Others present:

Shirley Mondy, Program Coordinator
Marilyn Greenberg, Program Assistant
Dave King
Bernadette Tsosie
Nancy LaMascus

Representing:

U.S. Bureau of Reclamation
State of Colorado
U. S. Bureau of Indian Affairs
Water Development Interests
U.S. Fish and Wildlife Service
Jicarilla Apache Nation
Water Development Interests
Southern Ute Indian Tribe
U.S. Bureau of Reclamation
State of New Mexico
Bureau of Indian Affairs

Representing:

U.S. Fish and Wildlife Service
U.S. Fish and Wildlife Service
U.S. Bureau of Reclamation
Navajo Nation
City of Farmington

Review of Agenda (Attachment 1): Errol Jensen, Chairman, reviewed the agenda. No new agenda items were added.

Low Flow Test

The Low Flow Test was completed July 15th. Water flows dropped to 250 cfs on July 9th, and by July 15th flows had increased to 500 cfs. John Simons went over some of the measurements made during the test. Flow was measured in seven places in the river, ~~and in the corresponding canals. The average July depletions that were in the model~~ were used, and the results showed a total river loss of 55 - 60 cfs. There had been a couple of heavy rainfalls, but it was unknown what that impact was on the test. The lowest flow in the river was right below the Hammond Diversion, at 60 cfs. Giant Refinery had trouble getting their water until Wednesday (July 11th). The Turley-Manzanares Ditch also had trouble getting their water and had to make repairs to the ditch and to the headgate. The temperature increased more than it had in the past, but no one thought that it got above 20 degrees Celsius in the trout range. There was a change in the wetted perimeter ~~upstream~~ of the Texas hole - but not anywhere else. There were aerial and ground photographs taken during the test. Reclamation will publish results after everyone's results are compiled.

There was some discussion about possibly taking flow measurements again at 500-600 cfs to see if the flows add up then as well. During the test, the river was clean to below the Hammond Diversion. Water quality testing included turbidity. Nancy LaMascus indicated that the City of Farmington did daily water quality measurements, as well. This data will be made available to the Bureau of Reclamation.

Review of Notes from June 1, 2001 Conference Call

There was a modification to page 3, under Progress Report on Work Completed since May 1 Conference Call (Attachments 2 & 3), third paragraph, 2nd sentence should read: New Mexico would like the methodology and information that was provided.... Another clarification was proposed and accepted on page 4, under Navajo-Gallup Project. The last sentence will be amended to read: The Jicarilla Apache Nation is actively pursuing participation in the project to use the eastern portion of the planned facilities to take up to 1,200 af of their San Juan basin water rights to serve the southwest portion of the reservation. The meeting summary was then approved as amended.

Action Items Carried Over from May 1, 2001 Conference Call

- 1. *Reclamation and Keller-Bliesner will complete incorporation of comments on the model documentation.*** This has not been completed yet.
- 2. *Errol Jensen is still waiting for the final Hydrology Committee proposal.***

The final Hydrology Committee proposal was presented to the Coordination Committee and approved with minor changes, and has been added to the website.

3. **Reclamation will write a letter to the water districts.** This has not been done yet.
4. Draft FY 2002 budget. Completed
5. **Errol will draft a Progress Report using Dave King s information.** Not yet completed.
6. Log modifications complete. **Waiting for permanent website to put the information.** The webmaster has been called but no permanent site is in place. It was suggested that this should be a fairly high priority.
7. Information on Heron Reservoir was sent to the Committee previously. **Model runs currently on the Keller-Bliesner website should be placed on the permanent model website as soon as it is available. Ron Bliesner will get the data to Dave to add to the website.** Former model runs have been received and should be added to the website shortly.
8. **For minor modifications, Keller-Bliesner and Reclamation will brief the Committee.** This is ongoing.
9. **John Simons will give Dave King and Ron Bliesner the allocations from the meeting with New Mexico.** John received acreage information from New Mexico in May. He has reworked the data and is now ready to finish the allocations. John still needs information on non-irrigation return flow locations and depletions.
10. **Within the next three weeks, Errol will let Brent Uilenberg know what funds won t be used this fiscal year.** Errol Jensen spoke with the contracting folks in Salt Lake City on July 24, 2001. They still hope to obligate \$237,000 in 2001.
11. FY 2002 budget completed. **Errol Jensen will send to Shirley.** Has not been sent to Shirley yet.
12. **Colorado and Keller-Bliesner will provide information to Errol for the Progress Reports.** Errol has not yet received progress reports from Colorado and Keller-Bliesner. Keller-Bliesner has no progress to report.
13. Shirley Mondy has met with Jim Brooks regarding the Long Range Plan, and the subgroup met prior to the Coordination Committee meeting, but there is no

resolution on this task yet.

Action Items Carried Over from June 1, 2001 Conference Call

1. ***The Hydrology Committee would like to see the proposal on handling water rights before it is implemented.*** Has not been completed.
2. ***John Simons will contact John Whipple and Pat Turney to notify them when he can forward the methodology and information that was provided to Colorado regarding GIS.***
3. Misc.: Errol has forwarded the information requested to Tom Pitts.

2002 Hydrology Committee Work Plan

Errol developed three separate proposals to delineate how much money is being asked for in each item. Discussion of Item 3 of the Work Plan Proposal 2: There was a question regarding whether the gage has been moved yet. It was discussed that moving the cable way was the responsibility of USGS. The Committee is waiting for more cost information from them. It was recommended and agreed to not allocate \$25,000 to fund the movement of the cable way in the 2002 budget. ** The Committee agreed to consider this item in the 2003 budget if USGS provides more information.

The current proposal calls for increased monitoring of the four New Mexico gages 12 months/year. The proposal goes through June 2002 under the current budget. The Committee agreed to evaluate the need for monthly gage monitoring in 2003.

The Bluff site is a good gage site. It is very stable and doesn't need to be monitored as often. It has been determined that it cannot be improved any further. It was not monitored during the low flow.

Committee members requested that the Colorado & New Mexico data that is incorporated into RiverWare be shared with everyone. The Committee agreed that if any data is modified to go into RiverWare, it should be clearly stated. If anything new is being done to the data, clearly state that as well.

The current work plan proposal is difficult to read and follow because of the letters and numbers in Tables 3 & 4 and the differences in the 2001 and 2002 system of tracking tasks, schedules, costs, and accomplishments. ***The Committee recommended adding a notation that Items 1 - 16 will be completed (funds obligated/used) in 2001.*** In order for the Coordination Committee to be able to understand what they are

funding when they vote on this proposal, they need to be able to see: what work is being done, what will be completed in 2001, what will carry over to 2002, what is obligated, and what still needs to be funded. **Committee members opted to go with tables 1 and 2 only for presentation to the Coordination Committee.** Table 3 can be retained for use by the Hydrology Committee. **Table 2 needs to be revised to update the schedule.**

Questions were asked on how \$237,000 will be spent in 2001, if - ½ of the work left to be done is to be completed by Reclamation staff. **Errol will verify this information.**

Dave King and Errol Jensen will work through the details and update revised target dates for 2001 funding information. Program Coordinator needs this updated information ASAP. Errol will get this to Shirley on July 27th.

There was some discussion about who will be doing the work. The proposals generally say consultant to allow flexibility. Reclamation wants to get the work done efficiently. **Once the scopes of work are complete, the Hydrology Committee will be notified so that people can express interest in performing the work.**

It was suggested that the Work Plan revision should incorporate Product Deliverables and Delivery Dates. The current tables could be updated with outcomes and a delivery date for each task. Errol agreed to incorporate those modifications.

Progress Report on Work Completed Since June 1, 2001 Conference Call

Dave King will mail a progress report out at the end of July for what has been completed this month. He has done a lot of work on water rights. \$114,000 has been spent through July 18, 2001. This amount includes \$15,000 for CADSWES, \$15,000 for Dave's staff person, and \$49,000 for Durango.

Navajo-Gallup Pipeline

With the Navajo Tribe and USBR proceeding with the Navajo/Gallup Pipeline Biological Assessment and Opinion without the model upgrade, what if any, impact is there on the model overhaul, e.g. costs, schedule, etc?

The Biological Assessment is not complete. They are still waiting for endangered species lists from FWS and the Navajo Nation. This project will use the most recent ALP model.

Advertising for Work to be Performed

The Biology Committee has agreed to begin advertising the annual work tasks in the

Action Item	Responsible Party	Due Date	Status
Complete incorporation of comments on model documentation.	Reclamation and Keller-Bliesner		
Write letter to the water districts.	Reclamation		
Draft Progress Report using Dave King s information.	Errol Jensen		
Add model runs and other information to a permanent hydrology website.	Dave King		
Model modification briefings.	Reclamation and Keller-Bliesner	Ongoing	
Give Dave King and Ron Bliesner the water allocations information (in particular, non-irrigation return flow locations and depletions) from the meeting with New Mexico.	John Simons		
Let Brent Uilenberg know what funds will not be used this fiscal year.	Errol Jensen		
Send completed FY 2002 budget to Coordinator.	Errol Jensen		

Provide Progress Report information to Errol Jensen.	Colorado (Keller-Bliesner has no progress to report)		
The Hydrology Committee would like to see the proposal on handling water rights before it is implemented.	Dave King		
Forward the GIS methodology and information to Colorado, and notify John Whipple and Pat Turney when that will happen.	John Simons		
Any new data or methods incorporated into RiverWare will be shared with the Hydrology Committee.	Keller-Bliesner and Reclamation	Ongoing	
Add a notation to the Work Plan that Items 1 - 16 will be completed (funds obligated/used) in 2001.	Errol Jensen	July 27, 2001	
Prepare Tables 1 and 2 for presentation to the Coordination Committee. (Use Table 3 for the Hydrology Committee only.)	Errol Jensen	July 27, 2001	
Table 2 needs to be revised to update the schedule.	Errol Jensen	July 27, 2001	
Verify how the \$237,000 will be spent in 2001, if much of the remaining work will be completed by Reclamation staff.	Errol Jensen		
Work through the details and update revised target dates for 2001 funding information and get to Program Coordinator ASAP.	Errol Jensen and Dave King	July 27, 2001	
Once the scopes of work are complete, notify the Hydrology Committee so that people can express interest in performing the work.	Reclamation		
Incorporate Product Deliverables and Delivery Dates into the Work Plan. Current tables could be updated with outcomes and a delivery date for each task.	Errol Jensen	July 27, 2001	

Anyone interested in attending the San Juan Congressional briefing and tour should let the Program Coordinator know.	Everyone	A 2
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