

MEETING NOTES  
UPPER RIO GRANDE WATER OPERATIONS MODEL  
ADVISORY COMMITTEE MEETING

NM Interstate Stream Commission  
5550 San Antonio Dr., NE  
Albuquerque, NM

October 24, 2012

Amy Louise called the meeting to order at 10:00 am. Those in attendance and those participating in the meeting via telephone conference call introduced themselves. The meeting agenda and an attendance list are attached.

Mike Roark distributed copies of the Technical Team Report and summarized the activities of the Technical Team, including

- A single DSS file of all historic model data and new DMI have been set up and work required for preparation of the 2013 accounting model and development of initialization rules is ongoing;
- The ruleset version 5.0 of URGWOM has been completed and was used in the 2012 AOP model runs; edits to rules is ongoing and rules documentation has been circulated to Technical Team for their review;
- The Technical Team participated in a field trip of features of the San Juan-Chama Project and El Vado and Abiquiu Dams on the Rio Chama in August;
- The NMISC has nearly completed review and compilation of data from the 2011 vegetation survey of irrigated lands in the middle Rio Grande and the data will be made available in tabular and geo-referenced formats;
- The development of the historical simulation of the surface water URGWOM model of the Colorado portion of the Rio Grande basin is nearly complete. The model is set up for the administration of water diversions based on water supply and can be used for Rio Grande compact administration and the simulation of Platoro Reservoir;
- The newest version of URGWOM (5.0) now runs on 64-bit machines which along with updated rules has resulted in significant improvement in model run times, which will be helpful in running the West Wide Climate Risk Assessment (WWCRA) planning runs;
- Work is continuing on the monthly time step PowerSim model, which is the primary tool being used in the WWCRA model runs.

Nabil advised the Committee on the process and status of developing effective precipitation data required for determining the crop irrigation requirement which is being developed by Brian Westfall; this work is under review by the Technical Team.

Marc and Amy reported that the National Weather Service is continuing development and testing of the Rio Grande basin watershed model and that Roberta Ball is working on DSS conversion utility to import watershed model run results into URGWOM. Riverside Technologies will be completing work on a Rainfall-Runoff Hydrologic Modeling System (HMS) watershed model of the Rio Grande basin to provide an alternate means of developing local inflows.

Mike Roark reported that work on setting up the calibration model runs is underway and will be ready to begin after crop irrigation requirement values are imported into the database; the calibration period is 1990-2010.

The water quality modeling subcommittee is scheduled to meet on November 7, 2012. Work items to be considered by the subcommittee include review of groundwater object development, review of available groundwater data and discussion on test model location, which will ultimately extend from Cochiti Dam to El Paso, TX.

Amy reported that the Corps of Engineers was no longer able to enter into a cooperative agreement with Texas Agrilife Research for work on the Lower Rio Grande model and Hydros Consulting Inc. was awarded the contract to complete model development, including accounting and operations rules. A kickoff meeting with the contractor was held on October 15, 2012. Zhuping reported that he will be making a presentation with Amy at the Stormwater Coalition meeting to be held at the EBID on January 10th on the existing Lower Rio Grande model, and Paso del Norte Watershed Council (PdNWC) will continue to work with the Bureau of Reclamation and other agencies to support the PdNWC's efforts within the Paso del Norte watershed, which will complement the URGWOM work. Zhuping will continue to represent the PdNWC on the URGWOM technical team.

The presentation by CADSWES on the RiverWare rules reporting procedure will be postponed until the November 14, 2012 Technical Team meeting. Edie advised that CADSWES would participate, via telephone, in each of the future Tech Team meetings.

The next meeting of the Advisory Committee will be held on April 10, 2013 beginning at 10:00 at the ISC Office in Albuquerque.

There being no further business, the meeting adjourned at about 11:00 am.

URGWOM Advisory Committee Meeting  
October 24, 2012

Attendance List

NAME	ORGANIZATION
Nabil Shafike	NMISC
William J. Miller	Consulting Engineer
Mike Roark	U. S. Geological Survey
Amy Louise	Corps of Engineers, Albuquerque District
Gretchen Oelsner	U. S. Geological Survey
Jesse Roach	Sandia National Laboratory
Joe McGinn	Santa Ana Pueblo
Marc Sidlow	Corps of Engineers, Albuquerque District
Via telephone:	
Edie Zagona	CADSWES, University of Colorado
David Neumann	CADSWES, University of Colorado
Andrew Leiuwen	City of Albuquerque
Zhuping Sheng	Texas A&M University



Advisory Committee Meeting

October 24, 2012 – 10:00 am

Conference Room – New Mexico Interstate Stream Commission

5550 San Antonio Drive NE, Albuquerque, NM 87109

Call-in line: 1-855-547-8255, Pass code: 92015

### Agenda

1. Introductions
2. Tech Team Update
3. Effective Precipitation and Consumptive Irrigation Requirements
4. NWS watershed model into CHPS
5. Middle Valley Calibration
6. Water Quality
7. Lower Rio Grande Models
8. New rules reporting feature in RiverWare
9. Other Business
10. Next Meeting Date