Draft Memorandum

To: URGWOM Technical Team Members

Date: May 18, 2024

Subject: Notes of the May 14, 2024 URGWOM Technical Team Meeting

These notes summarize the items discussed during the May 14, 2024 meeting of the Upper Rio Grande Water Operations Model (URGWOM) Technical Team. The meeting began at 10:00 am (MST) and was conducted as a virtual meeting hosted by the Corps of Engineers using Webex. All those participating in the meeting introduced themselves and their names and affiliations are listed on the last page of these meeting notes.

The May, 2024 meeting agenda includes general updates on ongoing URGWOM related activities from the NM Interstate Stream Commission, the Corps of Engineers, the Bureau of Reclamation, and their contractors, an update on RiverWare enhancements and a discussion of the Technical Team Summer 2024 field trip.

Nick reported on the work by Hydros Consulting on updating the database to fill in data gaps and update local inflow computations; complete revisions to model documentation to incorporate comments received from the Technical Team members for submittal to the Corps; script maintenance; an update to the User’s Manual and changes to the Platoro Reservoir operating rules.

In response to an inquiry for Cindy, Nick reported that Hydros is working to address the inconsistencies in lag times between the accounting model and the operating model in the San Marcial to Elephant Butte reach. This inconsistency in lag time was discussed at the January and March, 2024 Technical Team meetings.

The Team discussed the revision of the effective precipitation accounting used in the computation of streamflow depletion by riparian vegetation. This is in follow-up to the conclusions of the study of riparian evapotranspiration losses in the Middle Valley prepared by Hydros Consulting and presented at the January, 2024 Technical Team meeting. Nick reported that he has contacted Brian Westfall to work on this matter. Miller also volunteered to assist with the revised computations.

The Team discussed the release of the updated Abiquiu Reservoir Water Control Manual. Reynalden reported that Chapter Seven has been approved for release and the remaining chapters are still under review. The updated Water Control Manual takes into account the storage of native water in Abiquiu Reservoir, provided that the appropriate contracts and permits are obtained by the Albuquerque Water Utility, the primary native Rio Gande storage contractor.

Faith reported that the May 1, 2024 runoff forecast has been issued by the NWS/NRCS and a link to the forecast site has been posted on Reclamation’s web page.

David reported on the following RiverWare enhancements made by CADSWES in response to requests from contractors Reclamation and Corps of Engineers, which will be incorporated into the RiverWare v. 9.3 which will be released soon:

* Script improvements to incorporate radio buttons to implement script variables;
* Consolidate and centralize access to the Settings Manager on the workspace, introduced search capability;
* Changes to the Multiple Run Manager to allow for movement of data into different formats (.xlxs) and provide the capability to extract specific data from model runs;
* Enhance multi-window function including the development of a Window Manager, the development of indicators to signify where windows are to be located and add the ability to save window layouts. This is part of the CADSWES Advanced Docking System (ADS).

David identified additional tasks that CADSWES will be working on next, including:

* Improved export/copy capability of model data to excel spreadsheet;
* Provide capability to write notes for adding to the SCT/slot viewer;
* Provisions to add additional timestamp functionality.

Miller summarized the proposed itinerary for the summer, 2024 URGWOM Tech Team field trip of the features of the San Juan-Chama Project and other stops in the Chama, NM area. The trip includes an over-night stay in Chama and a Team meeting/dinner on the night of the overnight stay. Miller proposed field trip dates of July 9-10, 2024, which is the normal date for the July Technical Team meeting. Some Team members had schedule conflicts on that date and Cindy suggested that a poll be circulated among the Team member to identify the best dates for a majority of Team members.

The next meeting of the Technical Team will the June 11, 2024 beginning at 10:00 am. This meeting will be a virtual meeting.

There being no additional matters to be brought before the Team, the meeting was adjourned at about 10:55 am.

ATTENDANCE LIST

URGWOM TECHNICAL TEAM MEETING

May 14, 2024

