

Memorandum

To: URGWOM Technical Team Members
Date: November 14, 2023
Subject: Notes of the November 14, 2023 URGWOM Technical Team Meeting

These notes summarize the items discussed during the November 14, 2023 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 hybrid in-person and virtual meeting (in-person held at NMISC, 5550 San Antonio NE, Albuquerque, NM; virtual facilitated by the Corps of Engineers using Webex). All those participating in the meeting introduced themselves and their names and affiliation are listed on the last page of these meeting notes.

The November 2023 meeting agenda includes a presentation from CADSWES on recent RiverWare enhancements and general updates on ongoing URGWOM related activities from the NM Interstate Stream Commission, the Corps of Engineers, the Bureau of Reclamation, and their contractors.

Carolyn indicated that Reclamation did not have an update to report for this meeting.

Marc reported that the Corps of Engineers have been working on the update to the Abiquiu Water Control Manual. Marc indicated he forwarded an updated model to Lucas Barrett recently that includes scripting for unregulated model runs and realtime model runs without having to input snowmelt runoff forecasts. Marc reviewed revised URGWOM documentation that Nick recently provided to USACE. George stated the revised documentation will be uploaded to the SharePoint site to facilitate Tech Team review.

Cindy had Nick report on URGWOM tasks for ISC. Tasks include modeling San Juan-Chama losses in URGWOM from Azotea Tunnel to Elephant Butte; comparison of URGWOM to MIKE-SHE model and looking at information-sharing between the two models; reviewing NM groundwater pumping data to see if this data can be used for URGWOM inputs; developing new functionality for 2024 AOP runs to model some limited MRGCD fallowing; continuing work on projecting ungauged inflows in the middle valley and how addressing these inflows could improve estimates of deliveries to Elephant Butte; and planned training for ISC and Reclamation (and possibly MRGCD) staff on running URGWOM. Nick asked if we should set a deadline for Tech Team members to return comments on the revised URGWOM documentation; decided that we would ask for comments within four weeks.

David gave a presentation on RiverWare enhancements developed by CADSWES under USACE and Reclamation contracts. USACE tasks include: Script manager enhancements to allow flexibility on task and subtask execution; will be included in December pre-release; ability to

specify number of tabs to show in Script Manager; when executing a run action in a script, now have a completion bar showing progress of runs occurring in the script dashboard. Reclamation tasks include: ability to start and continue MRM runs if RPL sets do not match the software version being used; ability to set multiple table slot values with a single action; run control now includes a button showing dispatch status of runs; and ability to get out of a paused script by exiting to the dashboard running the script so the script can be stopped and RiverWare can be exited.

Marc provided a presentation on scripts for unregulated flow model setup and realtime model runs. Nick asked if it would be beneficial to create high-level master scripts for other model configurations, similar to what Marc did for unregulated and realtime runs. General consensus is that development of high-level master scripts for other configurations would be beneficial in guiding users to scripts for their specific needs. Cindy asked if realtime model runs could be shared with the team. Marc said it should be discussed with Prakash as he is responsible for these runs.

Discussion of date for next meeting, either December 12 or January 9. There were no presentations apparently planned for December, so it was decided the next Tech Team meeting would be held on January 9 as a hybrid in-person/virtual meeting.

There being no additional matters to be brought before the Team, the meeting was adjourned at about 10:45 am.

ATTENDANCE LIST
URGWOM TECHNICAL TEAM MEETING

November 14, 2023

George Schuman, USACE
Marc Sidlow, USACE
Breana Chavez, Tetra Tech
Cindy Stokes, NMISC
Anne Marken, MRGCD
Ashenafi Madebo, CO Department of Natural Resources
Brian Westfall, Keller-Bliesner Engineers
Carolyn Donnelly, Reclamation
David Neumann, CADSWES
Reynalden Delgarito, USACE
Jerry Melendez, Reclamation
Kyle Shour, Tetra Tech
Nick Mander, Hydros
Sarah Delavan, BIA