

Draft Memorandum

To: URGWOM Technical Team Members
Date: February 14, 2024
Subject: Notes of the February 13, 2024 URGWOM Technical Team Meeting

These notes summarize the items discussed during the February 13, 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 February, 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.

Lucas reported that the Bureau of Reclamation has been active with the following URGWOM related activities:

- The latest URGWOM (version 9.2.1) model has been posted on the URGWOM SharePoint site. A problem with Heron Reservoir accounting was identified in version 9.2 that was resolved with the release of version 9.2.1, along with changes to the URGWOM rulesets.
- Reclamation has completed fifty-year planning model runs that will be used in the Rio Grande Basin Study and the model results indicate that the model is performing satisfactorily.
- Lucas reported that the URGWOM version 9.2 is no longer locked by default when the model is opened. The model can be locked by accessing the lock button under the QuickStart menu.
- Work on the 2024 AOP runs is underway and the initial 50% runoff probability model runs have been circulated to AOP modelers along with three new scripts. Lucas is working on setting up a meeting with AOP modelers to discuss the development of the scripts for the 2024 AOP runs.
- Reclamation's access to the Hydrologic Data Base (HDB) is currently restricted due to the implementation of a new virtual private network (VPN) and until this new network is fully up and running, no accounting model results will be distributed. The 2023 end of year model results are available and are not impacted by implementation of this new VPN.

Prakash reported that the Corps has been working on the preparation of the 2024 AOP model and coordinating with Reclamation in the model set-up and script development.

David reported on the following CADSWES activities related to URGWOM:

- For work completed under the Reclamation contract, a new data extractor and windows layout manager have been completed and will be ready to demonstrate at the next Tech Team meeting.
- Delivered new scripts for work under the Corps of Engineers contract. This work took less time than anticipated and CADSWES has remaining capacity to complete additional scripting request tasks for the Corps of Engineers. David will meet off line with the Corps to review additional tasks.

Lucas briefly demonstrated preliminary 2024 50% AOP model results by showing hydrographs of flow and reservoir storage. This model run is based on the February 1st runoff forecast, which is for a below average runoff. Lucas expects that the March 1st runoff forecast will predict greater runoff than the February 1 forecast due to recent storms that produced high elevation snow in the watershed. Reclamation anticipates that the San Juan-Chama Project contractors will receive a full supply from Heron Reservoir in 2024.

The Team briefly discussed a newspaper article published in the Washington Post about water supply studies in the Colorado River Basin. The article featured the work of CADSWES in development and use of a RiverWare model for the Colorado River Basin.

The next meeting of the Technical Team will be the March 12, 2024 beginning at 10:00 am. The Team consensus is that the March meeting will be a virtual meeting.

There being no additional matters to be brought before the Team, the meeting was adjourned at about 10:35 am.

ATTENDANCE LIST
URGWOM TECHNICAL TEAM MEETING

February 13, 2024

NAME	REPRESENTING
George Schuman	USACE, Albuquerque District
Prakash Kaini	USACE, Albuquerque District
Breanna Chavez	Tetra Tech/USACE Contractor
Yining Bai	NM Interstate Stream Commission
Cindy Stokes	NM Interstate Stream Commission
William Miller	Southwest Water Design/USACE Contractor
Reynalden Delgarito	USACE, Albuquerque District
Brian Westfall	Keller Bliesner Engineering / BIA contractor
Kyle Shour	Tetra Tech/USACE Contractor
Anne Marken	Middle Rio Grande Conservancy District
Genevieve Allen	Bureau of Reclamation
Jerry Melendez	Bureau of Reclamation
Faith Kuria	Bureau of Reclamation
Lucas Barrett	Bureau of Reclamation
Ashenafi Madebo	Colorado Department of Water Resources
David Neumann	CADSWES
Nick Mander	Hydros Consulting