Draft Memorandum

To: URGWOM Technical Team Members

Date: May 15, 2025

Subject: Notes of May 12, 2025 URGWOM Technical Team Meeting

These notes summarize the items discussed during the May 12, 2025 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 Bureau of Reclamation using MS Teams. 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 12, 2025 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, the US Geological Survey and the Center for Advanced Decision Support for Water and Environmental Systems (CADSWES).

Lucas reported on Bureau of Reclamation activities including the update of the DSS files (in conjunction with Hydros Consulting) and the release of the AOP model runs based on the May 1 NRCS runoff forecast. The May 1 forecast did change significantly from the April 1 forecast, and the May 1 forecast did not include runoff from the precipitation in the basin from recent storms. Reclamation is also working on contracts for work on URGWOM during the FY 2026.

Prakash reported that the Corps of Engineers is working on developing work orders for contract assistance with URGWOM development tasks during FY 2026.

Cindy reported that the NM Interstate Stream Commission is working with Hydros in the development of a middle Rio Grande water budget and hopes to be able to present preliminary results of this investigation to the Technical Team during a forthcoming meeting. Cindy did not have any updates on the current status of the sediment plug on the lower Rio Chama.

David reported on RiverWare enhancements for URGWOM that CADSWES is undertaking including updates to the object accounting summary, a general cleanup of the object palette and removal of unnecessary buttons. These updates will be circulated soon for testing. CADSWES is also working on a function that will provide the ability to save multiple SCTs, the ability to open SCTs within an object or from the workspace and to simplify the SCT display (less cluttered).

John Craven reported on updates to the DSS database that Hydros Consulting has prepared. These updates include middle Rio Grande groundwater data from the USGS MODFLOW model including:

* Missing local model pumping data since 2015;
* Corrected minor septic leakage data spreadsheet error;
* Updated sewer and water system leakage;
* Updated 2012-2021 Albuquerque Water Utility reported pumping data.

Nick reported on other updates to the DSS data files (groundwater and surface water) that Hydros Consulting has prepared, including:

* Revised Rio Chama Acequia diversion data and miscellaneous streamflow data;
* Updated Santa Fe Buckman surface water diversion data and sediment sluice return flow data;
* Updated local inflows;
* Edited crop ET data in the middle Rio Grande;
* Removed groundwater data files from the surface water database file and placed these data in the groundwater database;
* Miscellaneous script updates.

Hydros Consulting will transmit the updated DSS files to the Corps. Users will have to download these new files for use in the Accounting Model.

Nick described the methods used in URGWOM to compute crop evapotranspiration in response to a question from Stephanie who has been working on crop evapotranspiration using Open ET method.

Miller presented to the Team proposed itineraries for two 2025 Tech Team field inspection trips. The proposed itineraries include one day (July 8, 2025) inspecting features along the Rio Grande between San Acacia and RM-60, located downstream of San Marcial. The second day (July 29, 2025) would include MRGCD facilities in the Belen Division and the ongoing river channel improvement work at River Mile 163. The Team would travel together in a van or small bus. Miller will circulate the proposed itineraries to Team members and solicit their input about the proposed dates and locations. He also requested that Team members respond if they are able to attend so that transportation can be arranged.

The tentative date for the next meeting of the Technical Team is June 10, 2025, beginning at 10:00 am. The meeting will be an online meeting.

There being no additional matters to be brought before the Team, the meeting was adjourned at about 10:40 am.

ATTENDANCE LIST

URGWOM TECHNICAL TEAM MEETING

May 12, 2025



