This is part 2 of a 4-part series of educational information that will be distributed throughout 2026 regarding the

NORTHWEST RECHARGE, RECOVERY, AND DELIVERY SYSTEM (NWRRDS)

which Metro Water District is building in partnership with the Towns of Oro Valley and Marana to ensure long-term aquifer health.

Each part of the series will be found at metrowater.com as they are published throughout the year.

METRO WATER DISTRICT MISSION:

TO DELIVER SAFE, RELIABLE WATER TO OUR CUSTOMERS.

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METRO WATER DISTRICT

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NORTHWEST RECHARGE, RECOVERY, & DELIVERY SYSTEM (NWRRDS)

DELIVERING RENEWABLE WATER TO OUR CUSTOMERS

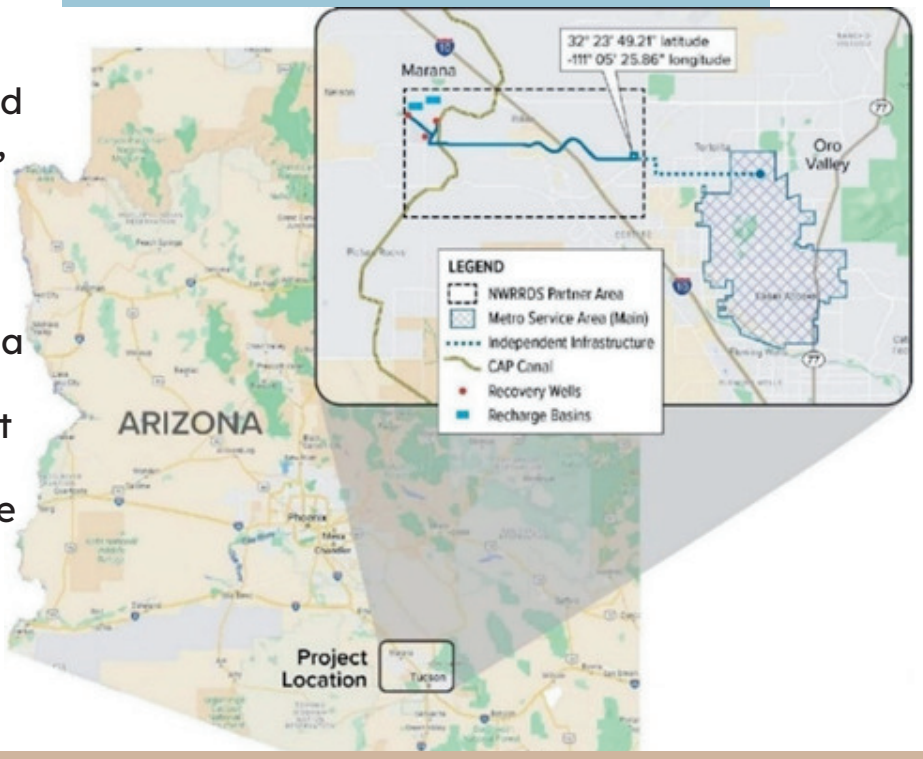
SHARED PROBLEM
NORTHWEST PROVIDERS
SHARED SOLUTION

OCTOBER 2026

Pumping groundwater to meet customer demands has resulted in approximately 1.5 to 2 feet of annual decline of the water level in the aquifer where Metro Water District's (District) Metro Main service area is located. There is currently no physical infrastructure to enable delivery of the District's stored Central Arizona Project (CAP) water in the Avra Valley area to where the pumping is occurring in Metro Main. Constructing a large capital project to accomplish recovery and delivery of stored water, from the District's Avra Valley Recharge Project (AVRP) to the Metro Main service area located approximately 14 miles to the east, requires extensive planning and financial coordination.

In 2017, the District, the Town of Oro Valley, and the Town of Marana signed an Intergovernmental Agreement (IGA) for the Northwest Recharge, Recovery, and Delivery System (NWRRDS) to partner in the design and construction of shared infrastructure that will recover and convey stored renewable water resources to a common forebay reservoir.

The partnered components of this project include 3 new recovery wells, 9 miles of transmission main, and a shared forebay reservoir. From this common reservoir, each entity will be able to convey their portion of renewable water resources the remaining distance to their respective service areas. For the District, this includes an additional 4.75 miles of transmission main, a booster facility, and an additional "blending" well.



Under the IGA, the District will design, construct, own, operate, and maintain the partnered facilities. The project Partners will reimburse the District for their proportional capacity in the system. This collaborative approach will help alleviate groundwater overdraft in the Northwestern portion of Pima County, including the Metro Main service area.

The IGA also reduces the construction cost for all of the Partners substantially, due to the economies of scale involved as opposed to the design and construction of three separate recovery and delivery systems.

The goal of this partnership is to physically recover stored CAP water and to deliver this water to the District's Metro Main service area approximately 14 miles to the east, easing the dependence on regional groundwater, improving the health of the aquifer, and enhancing water resource reliability.

Northwest Recharge, Recovery, and Delivery System