



MEMORANDUM

MEETING TYPE: Board of County Commissioners

MEETING DATE: January 14, 2025

ITEM NAME: DOI BWR Small-Scale Water Efficiency Grant

SUBMITTED BY: Carl Young

SUMMARY: This is a request to approve an application to the Department of the Interior, Bureau of Reclamation WaterSMART Small-Scale Water Efficiency Projects Grant in the amount of \$45,000 with another \$45,000 required in match from the County. If awarded this grant will fund the addition of Advanced Metering Infrastructure (AMI), telemetry, and a Supervisory Control and Data Acquisition and Automation (SCADA) system, which will enable the County to operate and monitor critical components of the system remotely which will include the wells, tank levels, and meter reading. This will improve service quality and reliability for system users.

RECOMMENDATION: Motion to approve the application to the Bureau of Reclamation WaterSMART Small-Scale Water Efficiency Program in the amount of \$45,000 with another \$45,000 in County matching funds.

BACKGROUND: In consultation with GMS, Inc., we have identified two priorities to better manage the Gardner Public Improvement District's water distribution system:

Telemetry and SCADA to be added to the wells to ensure its proper operation and monitor the tank level. This will allow the County to remotely monitor the system to ensure there is not a waste of water. There is a need to operate remotely in order to restart or stop the well pumps if they are not working properly. Additionally, there are times it will need to be turned on remotely, as when there is a fire in the area and the water tank needs to be continuously filled.

AMI will be added as part of the water meter system. This will allow for real time water usage data from all the customers and allow for the customer leaks and breaks to be identified within 24 hours rather than on

a monthly basis (what is done currently). The County can notify the customer without traveling to the location of the leak/break.

BOARD ACTION TAKEN:

APPROVED

DENIED

OTHER

SIGNATURE OF THE CHAIR: _____

NOTES: