



James Leenhouts, Center Director
Arizona Water Science Center

U.S. GEOLOGICAL SURVEY

USGS Arizona Water Science Center

- Mission

Collect and interpret high quality, impartial scientific information to provide our stakeholders with the knowledge required to manage the critical water resources of Arizona and the Southwest.

- Expertise

- Water Quality/Geochemistry
- Surface-water monitoring
- Groundwater assessments
- Geophysical analysis



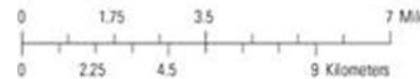
RioReimagined - Flood Control District/USGS Partnership

- Science Support for El Rio Vegetation Management Plan
- Goal: maximize success of revegetation to natives from salt cedar
- Issue: salinity and water conditions impact revegetation
- Approach: monitoring of water quality in surface and groundwater and monitoring of groundwater levels



Well installation and sample locations

Base map from Esri 2019 and its licensors. NAD 1983 UTM Zone 12N



EXPLANATION

- ▲ Well installation and discrete water quality, continuous water level, and specific conductance
- ▼ Discrete water quality location

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