

Agenda No. 5

Replenishment Obligation for the Southside Protection Zone

Arizona Water Banking Authority Meeting

December 4, 2019

Presented by

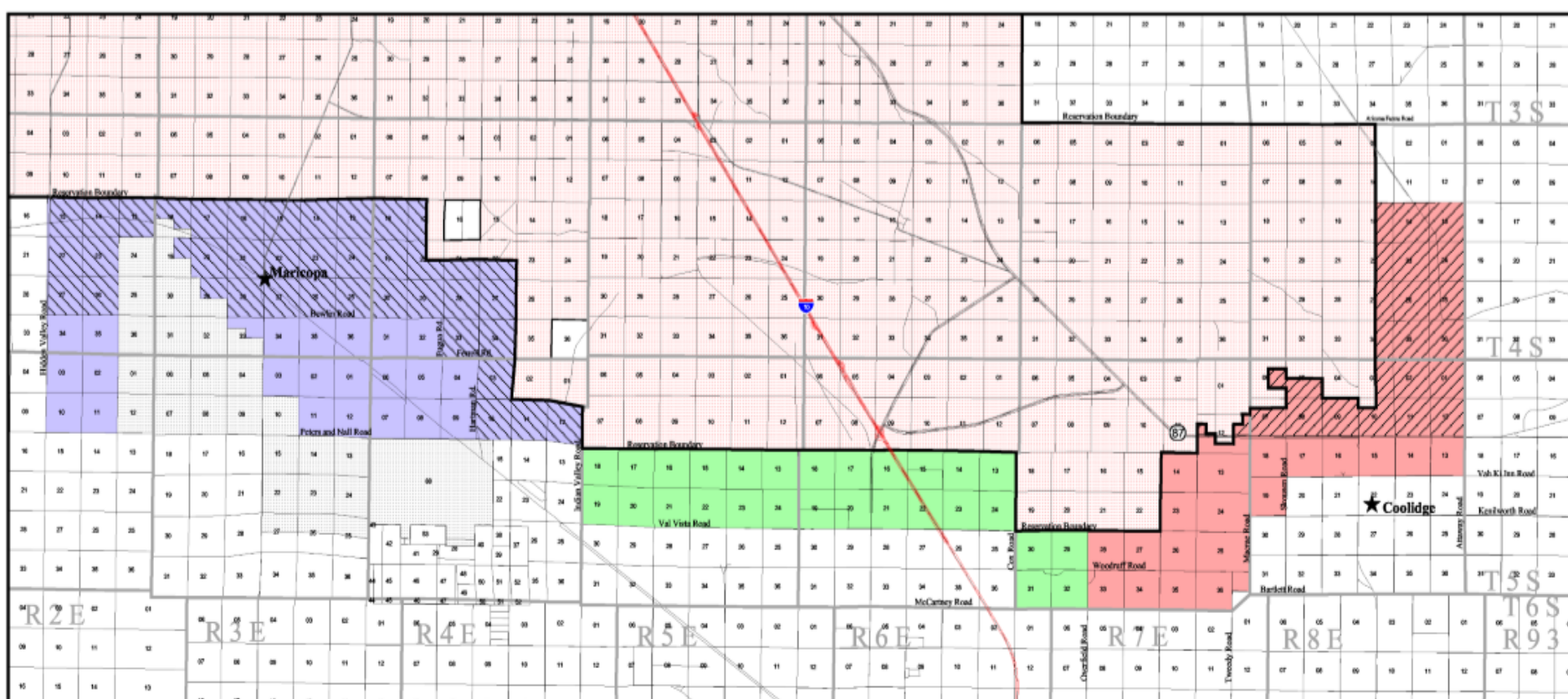
Virginia O'Connell



Southside Protection Plan

- **Southside Protection Zones established under the Gila River Indian Community Water Settlement**
- **Excess groundwater pumped in Southside Protection Zones must be replenished**
- **AWBA is responsible for satisfying replenishment obligations that may be incurred in the protection zones**





Western Protection Zone Municipal
 That portion of land bounded on the South by Peters and Nall Rd., on the East by the Reservation Boundary, on the North by the Reservation Boundary, and on the West by Hidden Valley Rd., not including the Ak-Chin Indian Reservation.

Western Protection Zone Municipal and Industrial
 Begin at the Reservation Boundary and Ferrell Rd., West to Fugua Rd., North to Bowlin Rd., West to Hidden Valley Rd., North to Reservation Boundary, not including the Ak-Chin Indian Reservation.

Central Protection Zone
 Begin at Reservation Boundary and Overfield Rd., South to McCartney Rd., West to Cox Rd., North to Val Vista Rd., West to Indian Valley Road, North to Reservation Boundary.

Eastern Protection Zone North
 Begin at Reservation Boundary and Arizona Farms Rd., East to Attaway Rd., South to Hwy 87, West to Macrae Rd., North to Reservation Boundary.

Eastern Protection Zone South
 Begin at Reservation Boundary and Macrae Rd., South to Hwy 87, East to Attaway Rd., South to Vah Ki Inn Rd., West to Skousen Rd., South to Kenilworth Rd., West to Macrae Rd., South to Bartlett Rd., West to Tweedy Rd., South to McCartney Rd., West to Overfield Rd., North to Val Vista Rd. (Reservation Boundary).

EASTERN PROTECTION ZONES

- Eastern Protection Zone South
- Eastern Protection Zone North

WESTERN PROTECTION ZONES

- Western Municipal Protection Zone
- Western Municipal and Industrial Protection Zone
- Central Protection Zone

Reservations

- Gila River Indian Reservation
- Ak-Chin Indian Reservation

Sections

- Sections
- Townships

Cities

- Cities

N

March 25, 2002

ACCURACY STATEMENT:
 The information compiled on this map has been obtained from third parties deemed to be reliable. While GIS Southwest, Inc. has attempted to verify all information received, we assume no responsibility for its accuracy.

Southside M&I Groundwater Protection Zones

" Part of Exhibit 5.3"

Data analysis and Map Computation by:
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Annual Replenishment Determination

- **ADWR completes analysis of replenishment obligations for previous year's water use**
 - **Notifies AWBA by October 1**
- **Three main categories:**
 - **Transportation of groundwater or stored water away from Protection Zones**
 - **M&I or Irrigation Replenishment Obligations within Protection Zones**
 - **Individual Replenishment Obligation**



AWBA Replenishment Obligation

- **2018 Reporting Year**
 - M&I Eastern Protection Zone South
 - Replenishment obligation of 9.78 AF
- **No Individual replenishment obligation**
 - Industrial use by right holder within 3.5 AF/ac statutory threshold



Satisfying a Replenishment Obligation (M&I Eastern Protection Zone South)

- **Must be satisfied by June 1 of third calendar year (2021)**
- **Options:**
 - **Deliver water to Community**
 - **Debit Southside Replenishment Bank**
 - **Extinguish LTSCs**
 - **Earned within 7 years**
 - **Stored at facility within specific protection zone**



Satisfying Replenishment Obligation

- **Staff recommendation:**
 - Extinguish 9.78 AF of LTSCs accrued at the Hohokam Irrigation & Drainage District GSF
 - Include as component of 2020 Plan of Operation
- **Notice to Community when replenishment activity is completed and the obligation that was satisfied**



Questions?

waterbank.az.gov

