

Report on Progress of Preliminary Obligation Projections for CAGRD 2025 Plan of Operation

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Plan Requirements

The Plan must include an estimate of CAGRD's projected groundwater replenishment obligation for current members and potential members for the 100 calendar years following the submission of the Plan, based on reasonable projections of real property and service areas that could qualify for membership in the ten years following the submission of the Plan.

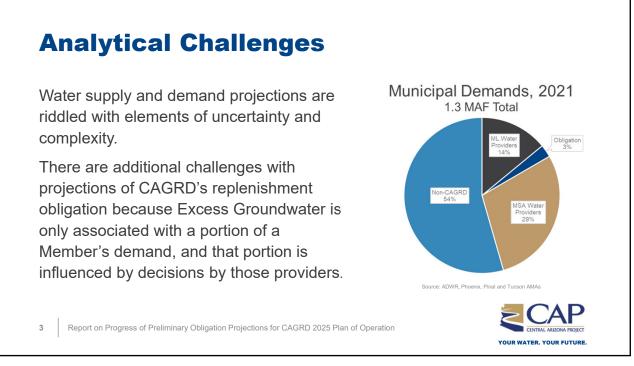


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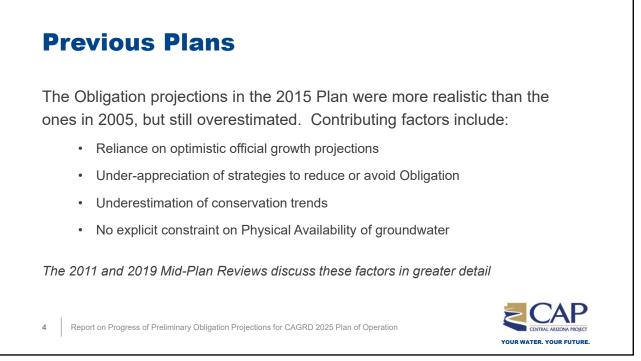
August 18, 2022 CAGRD & US Committee presentation



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Key Factors

CAGRD's replenishment obligation is primarily associated with Member Land subdivisions. Key factors include:

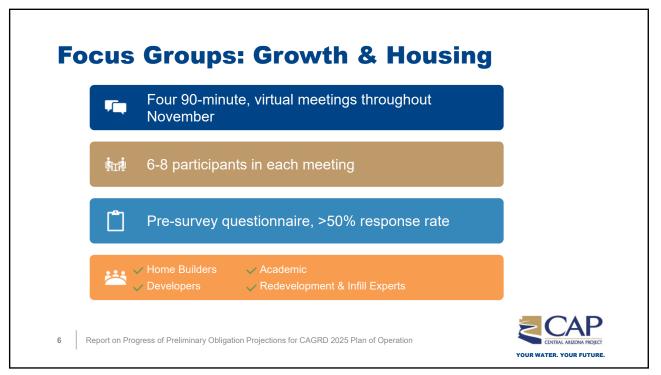
- The rate, location, and type of growth
- · Excess Groundwater reporting strategies
- Conversion to Member Service Areas
- Water conservation

Member Service Area replenishment obligation is more unique to each water provider, and tied to the management of their available supply portfolio, including the effects of shortage.

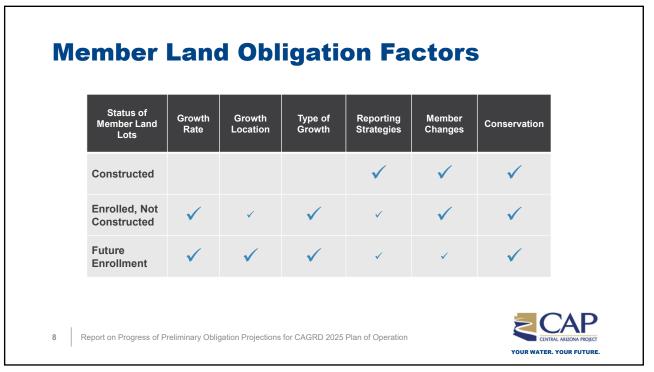
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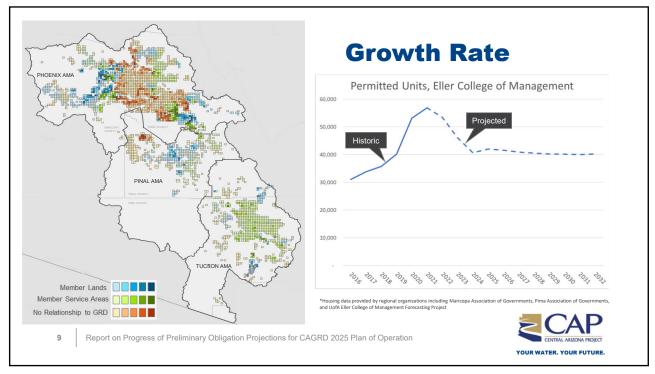


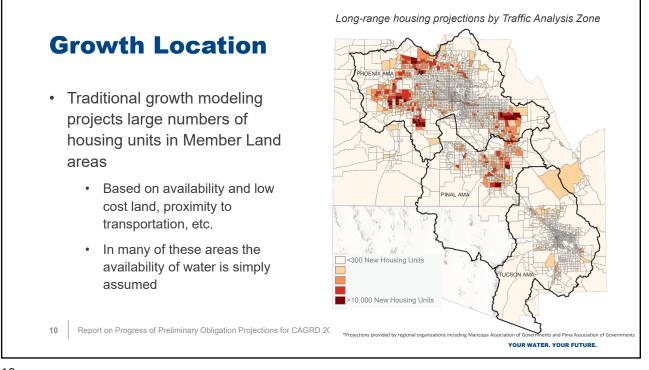
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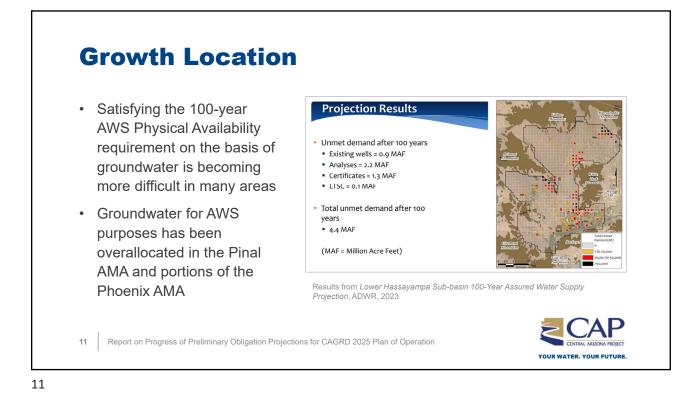


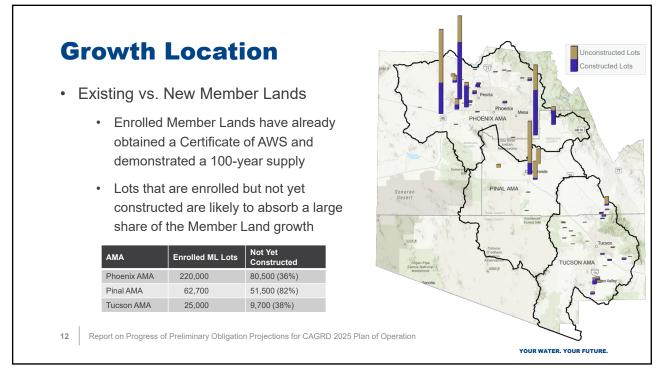


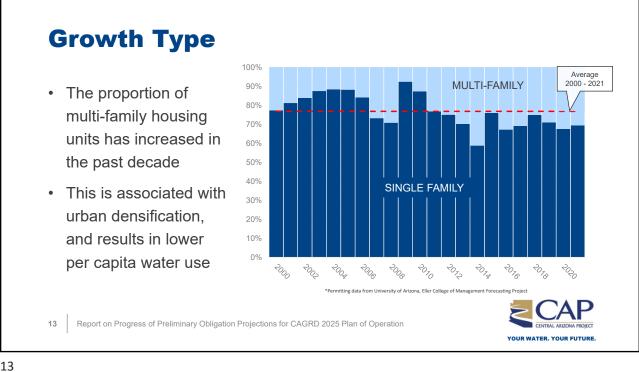




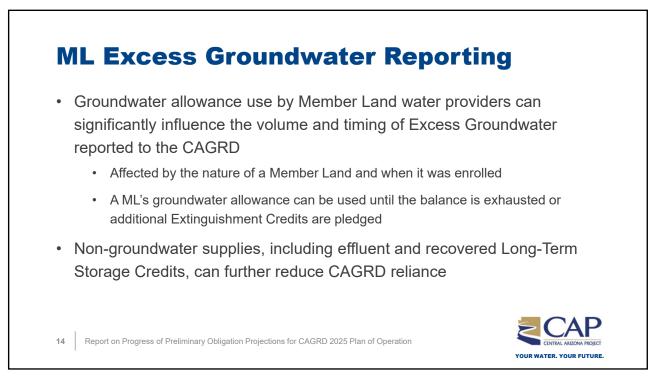


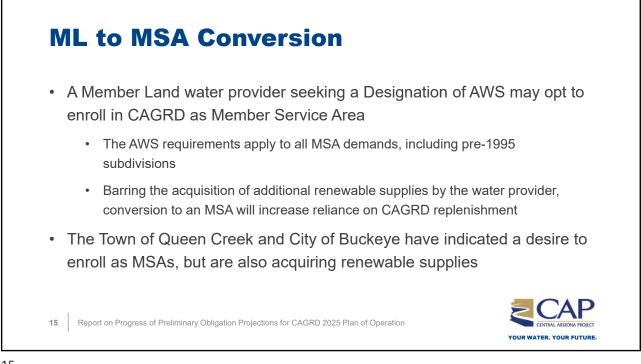








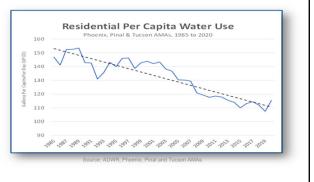






ML Conservation

- Conservation through landscaping changes, indoor fixture replacement, and behavioral changes has reduced the overall per capita rate in the municipal sector, and the water use per lot in CAGRD Member Lands.
- A significant portion of CAGRD Member Land housing is approaching 20+ years since construction.





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Preliminary Assumptions

- **Growth Rate:** Steady growth, but lower than official forecast
- **Growth Location:** Greater Physical Availability constraints on new ML enrollment; some shift to MSAs and non-CAGRD
- **Growth Type:** Multi-family ratio stays above historic average
- Excess Groundwater Reporting: Current strategies to reduce CAGRD reliance begin to lose effectiveness during the 20-year period

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- ML to MSA Conversion: If conversions occur, the increase in AWS demand is largely offset by renewable supplies acquired by the provider
- Conservation: Gradual flattening of historic trends through 20-year period
- Member Service Areas: Total MSA obligation stays near current levels, with fluctuating reliance by individual MSAs, and periodic increases due to shortages

CENTRAL ARIZONA PROJECT

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