

*Arizona's Next Century:
A Strategic Vision for Water Supply Sustainability*



January 2014

Arizona Water Initiative

Governor's Drought Interagency
Coordinating Group

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Gerry Walker, Deputy Assistant Director
Arizona Department of Water Resources

Governor's Arizona Water Initiative

Governor Ducey announced the water initiative “through ADWR to help ensure the certainty and vitality of Arizona’s water supply long into the future”

- Announcement made on October 5, 2015; Water Initiative implemented with the signing of Executive Order 2015-13 on December 16, 2015
- Continues the work published in the Strategic Vision
- Initiative involves two parallel tracks
 1. Planning Area Stakeholder Process
 2. Governor’s Water Augmentation Council

What is a Planning Area?



- *New way of looking at state*
- *Divided state into regions based on similar water use and possibly similar solutions to demand and supply imbalances*
- *22 planning areas in the state*

Planning Area Stakeholder Process

- Will prioritize and evaluate all of the 22 Planning Areas identified in the Strategic Vision
- ADWR will work closely with stakeholders in each Planning Area to refine water supply and demand components and identify strategies to meet future water demands
- Goal to develop stakeholder driven set of solutions for future water demand and supply imbalances
- Goal is to complete the process within 1 year

Water Demands in West Basins

Table P.A. 20-1. Projected Demands (in acre feet) – West Basins Planning Area

| Sector | 2010 | 2035 | 2060 |
|---------------------|----------------|----------------|----------------|
| Agriculture | 250,000 | 250,000 | 250,000 |
| Dairy | 0 | 0 | 0 |
| Feedlot | 0 | 0 | 0 |
| Municipal | 1,016 | 1,607 | 2,009 |
| Other Industrial | 0 | 0 | 0 |
| Mining | 0 | | |
| High | | 0 | 0 |
| Low | | 0 | 0 |
| Power Plants | 1,107 | | |
| High | | 1,147 | 2,065 |
| Low | | 918 | 1,652 |
| Rock Production | 0 | | |
| High | | 124 | 154 |
| Low | | 51 | 65 |
| Turf | 0 | | |
| High | | 0 | 0 |
| Low | | 0 | 0 |
| Total (High) | 252,123 | 252,878 | 254,228 |
| Total (Low) | 252,123 | 252,576 | 253,726 |

Planning Area Stakeholder Process (con't)

- Two Planning Areas initiated early 2016 – West Basins and Cochise
- Prioritized due to issues with increased groundwater pumping and decreasing water levels
- Have had two meetings in each Planning Area
 - First meeting to solicit input regarding issues
 - Second set of meetings related to data collection and development of solution set for demand and supply imbalances
- Third Planning Area will begin in summer 2016 – Northwest Basins

Planning Area Stakeholder Process (con't)

- Well measurements will continue
- Well sweep of Ranegras Plain Basin in West Basins (March 2016)
- Hydrologic Monitoring Report (April 2016) and groundwater model for Cochise (Pending)
- ADWR portal available for stakeholders to provide information
- Irrigation field verification (began Spring 2016)
- Meeting information posted to ADWR web page

Governor's Water Augmentation Council

- Chaired by ADWR Director
- Members appointed by the Governor to represent water resource experts, industry leaders, NGOs, local government, watershed groups
- Goal to investigate water augmentation strategies, conservation and reuse, and funding and infrastructure needs
- ADWR provides staffing and technical assistance
- Provide an annual report to the Governor by July 1 of every year describing activities and recommendations

Governor's Water Augmentation Council (con't)

- Group will meet quarterly at a minimum
- Meetings on February 10 and May 13, 2016. Next meeting scheduled for June 10
- First topic of discussion was conservation and the opportunity for additional conservation savings statewide
- Council currently determining the topics to be discussed in the upcoming fiscal year; will include discussion on reuse and reclaimed water