ARIZONA DEPARTMENT OF WATER RESOURCES

Conservation & Reclaimed Water Authorities

Blue Ribbon Panel on Water Sustainability
February 5, 2010
The Arizona Department of Water Resources works to secure long-term dependable water supplies for Arizona's Communities.

The Department:

- Administration & Enforcement of Arizona’s groundwater code, and surface water rights laws (except those related to water quality);
- Protection of Arizona's Colorado River water supply;
- Exploration of methods to augment water supplies;
- Develops policies that promote conservation and equitable distribution of water;
- Ensures safety of dams and floodplain management;
- Oversees the use of surface and groundwater resources under state jurisdiction, and
- Represents Arizona in discussions of water rights with the Federal government.
Water Management Tools

- Active Management Areas
- Irrigation Non-Expansion Areas
- Statewide Provisions
ARIZONA’S WATER MANAGEMENT TOOLS
ACTIVE MANAGEMENT AREAS

• Management Goals
• Grandfathered Rights & Withdrawal Authorities
• Annual Reporting
• Well Drilling Standards
• Management Plans - Conservation Requirements & Use Restrictions
• Assured Water Supply Requirements
• Conversion to Renewable Water Supplies
ARIZONA’S WATER MANAGEMENT TOOLS

MANAGEMENT PLAN
Mandatory Conservation Requirements

**Agriculture:** >2 Acres Irrigated between 1975 - 1979

**Municipal:** Cities, Towns, Private Water Companies, and Irrigation Districts

**Industrial:**
- Turf Facilities
- Power Generation
- Large Landscaping
- Mining
- Dairies/Feedlots
- Large Cooling
- Sand & Gravel
ARIZONA’S WATER MANAGEMENT TOOLS
ASSURED WATER SUPPLY

• Requires Demonstration of 100-year Assured Water Supply for new Subdivisions:
  - Physically, Legally and Continuously available for 100 years
  - Adequate Water Quality
  - Consistent with Management Goal of the AMA
  - Consistent with Management Plan

• Cannot obtain a Public Report from Department of Real Estate without Demonstration of AWS
ARIZONA’S WATER MANAGEMENT TOOLS
CONVERSION TO RENEWABLE SUPPLIES

- Assured Water Supply
  - Consistency w/Goal

- Municipal/Industrial/Agricultural Conservation
  - Incentives for Use of Reclaimed Water

- Underground Storage & Recovery
  - Indirect Utilization of Stored Water

- Conservation & Augmentation Grants Program
ARIZONA’S WATER MANAGEMENT TOOLS

STATEWIDE PROVISIONS

- Adequate Water Supply Requirements
- Well Drilling Standards/Requirements
- Community Water Systems
  - Development & Submittal of a Water Supply, Drought & Water Conservation Plan
  - Annual Water Use Reporting
- Statewide Conservation Assistance & Outreach
ARIZONA’S WATER MANAGEMENT TOOLS
Statewide Conservation Assistance & Outreach

• [www.azwater.gov/azdwr/StatewidePlanning/Conservation2](http://www.azwater.gov/azdwr/StatewidePlanning/Conservation2)

• Maintains a List of Conservation Measures Implemented in AZ.

• Provide Extensive Conservation Information & “How To...”
  (Developed with Communities & Industry Experts)
  – Technologies       - Water Planners & Providers
  – Residential        - Agriculture
  – Water Education    - Landscape professionals
  – Commercial, Industrial & Institutional