

Arizona Water Banking Authority

Presented by

Kim Mitchell
Manager

Arizona Water Banking Authority

October 28, 2010



WESTCAS - 2010 Fall Conference

Problem

Under-utilization of CAP and the long-term security of Arizona's entitlement

- Task Force - 16 members
- Advisory Committee - 34 members

Results:

Pricing to encourage use; AZ store excess water; M&I infrastructure; legislative action

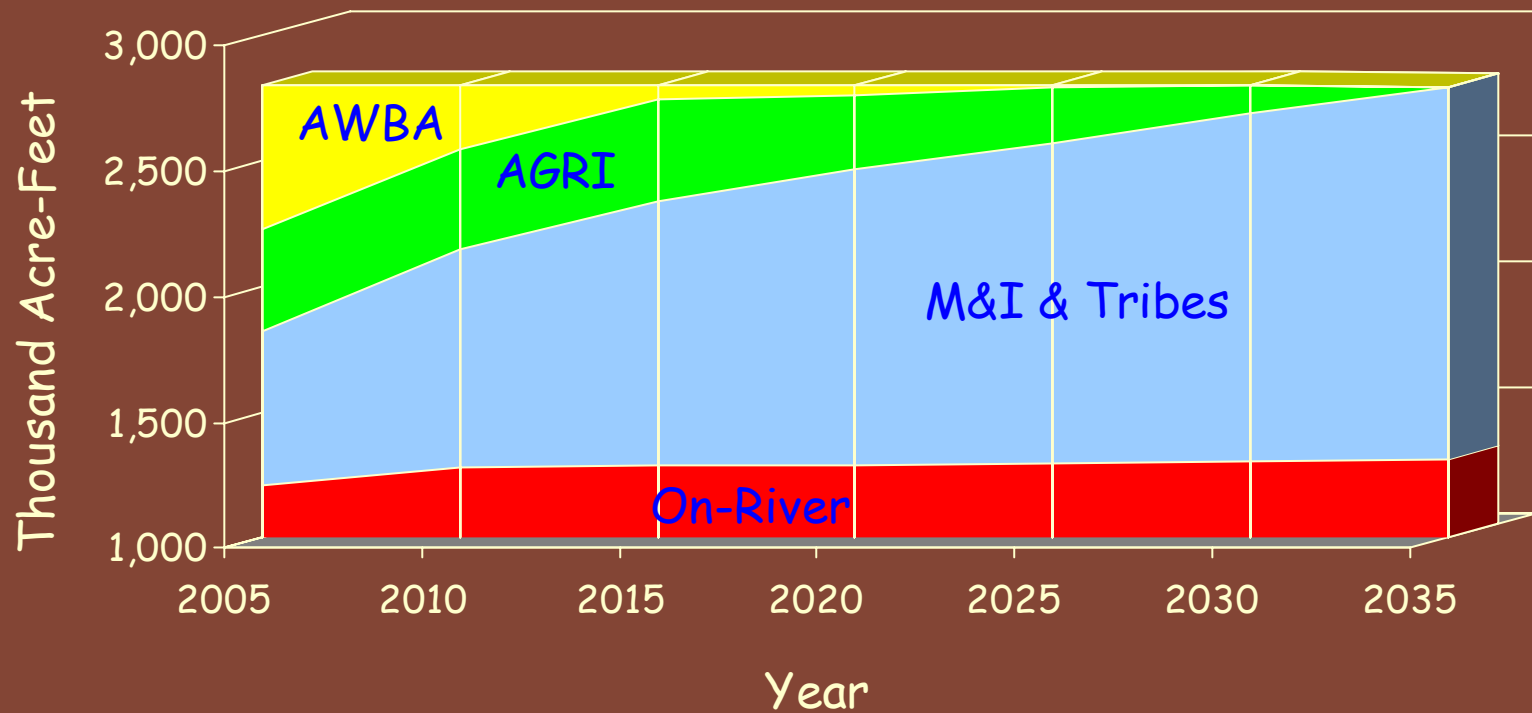
What is the Arizona Water Bank?

- Authorized by Arizona State Legislature in 1996
- Store Arizona's unused Colorado River water underground
- Long-term security of Arizona's entitlement

What does the Bank do?

- Assist in meeting groundwater management plan objectives
- Provide drought protection for municipal and industrial users
- Assist in settlement of Indian water rights claims
- Loan credits and provide water banking services for others
- Interstate Banking

Water Available to the AWBA



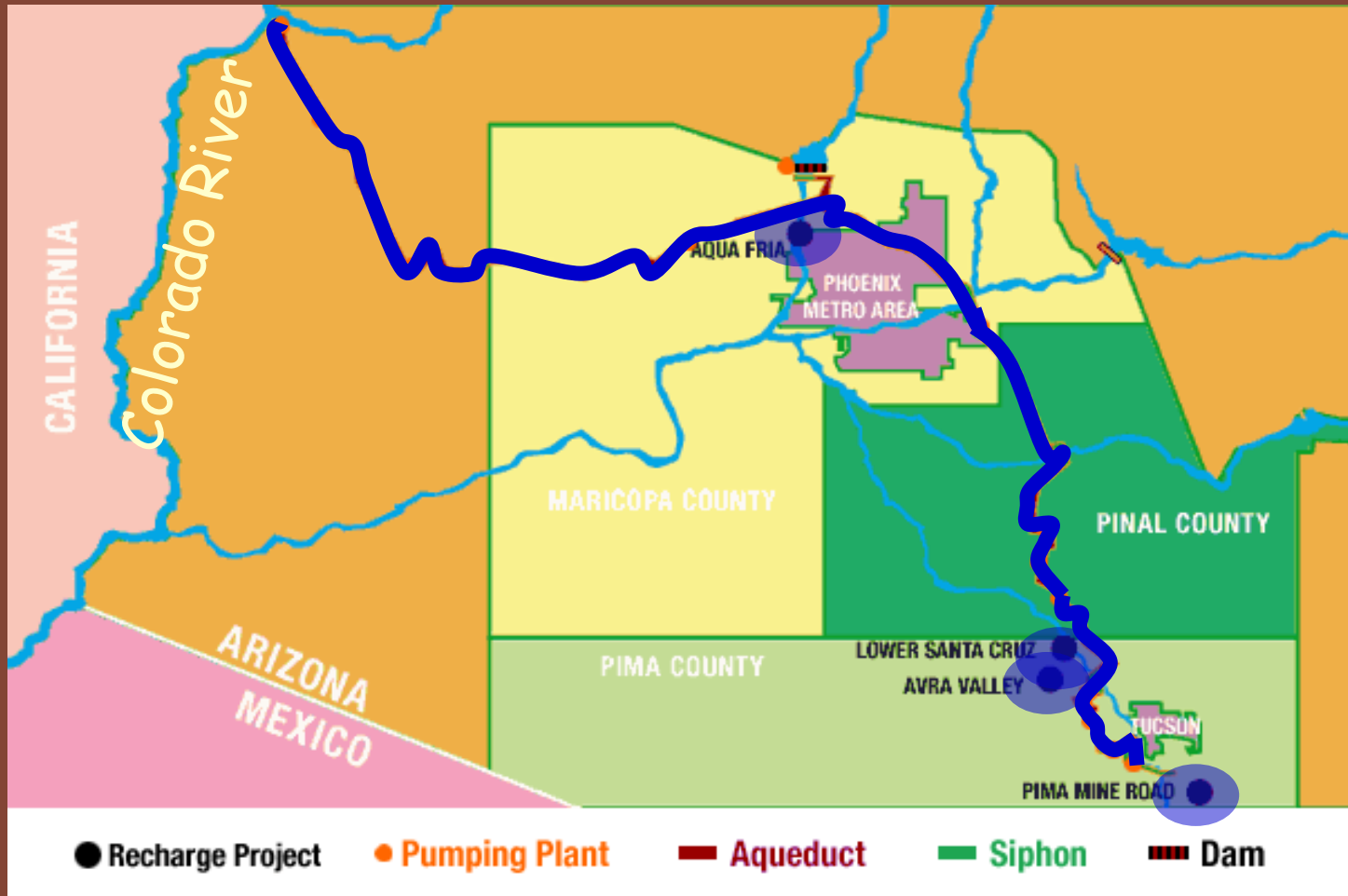
Administration

- **Five Member Commission**
 - two ex-officio legislative members
- **Administration**
 - Bank staff supported by Arizona Department of Water Resources and Central Arizona Water Conservation District

How is the Bank Funded?

- **State General Fund appropriation**
 - Provided annually at discretion of Legislature
- **Groundwater Withdrawal Fees**
 - Rate statutorily established at 2.50/AF
 - Collected by AMA
- **4¢ *ad valorem* Tax Dollars**
 - Levied by CAWCD/Collected by County
 - 4 cents/\$100 assessed evaluation
 - CAWCD determines if funds are made available to AWBA
- **Other Sources**
 - Interstate
 - Gifts, Grants, Donations

What is the CAP?



CAP Aqueduct

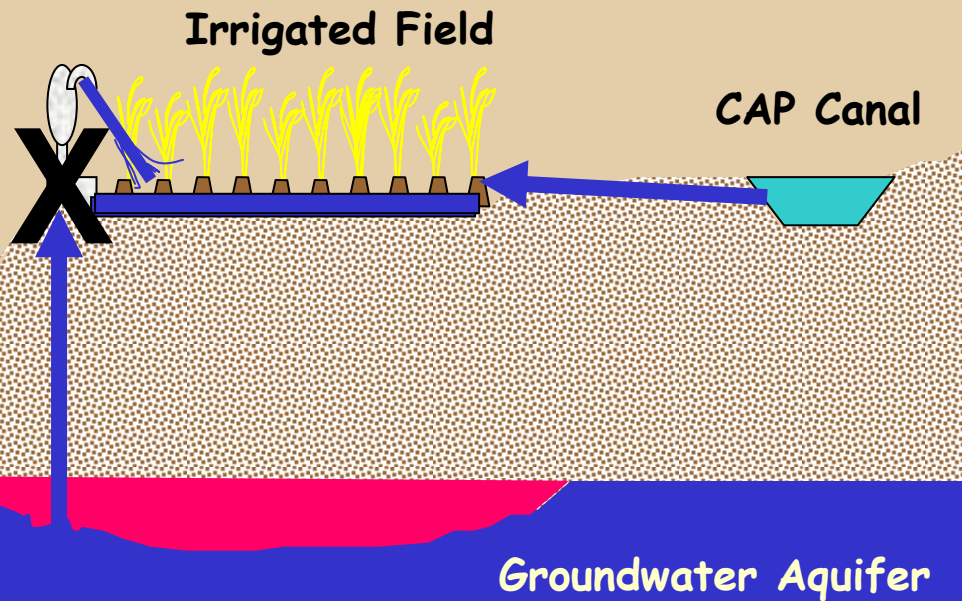


How does the Bank work?

- **Schedule deliveries with Central Arizona Project**
- **Storage Facility Agreements**
 - Groundwater Savings Facilities (GSF)
 - Underground Storage Facilities (USF)
- **Annual Plan of Operation**

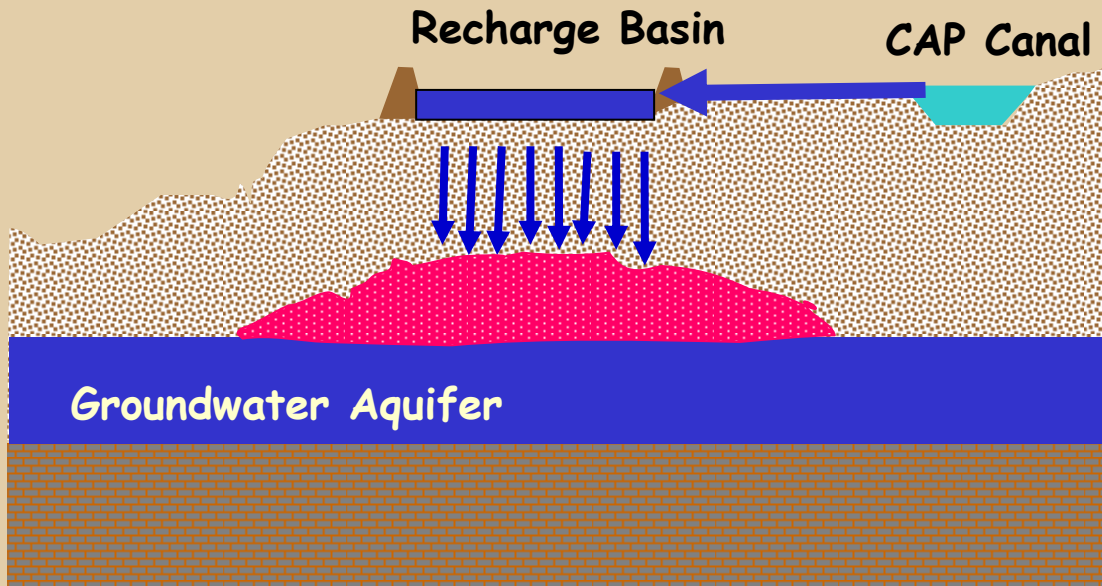
Groundwater Savings Facility

(Indirect Recharge)



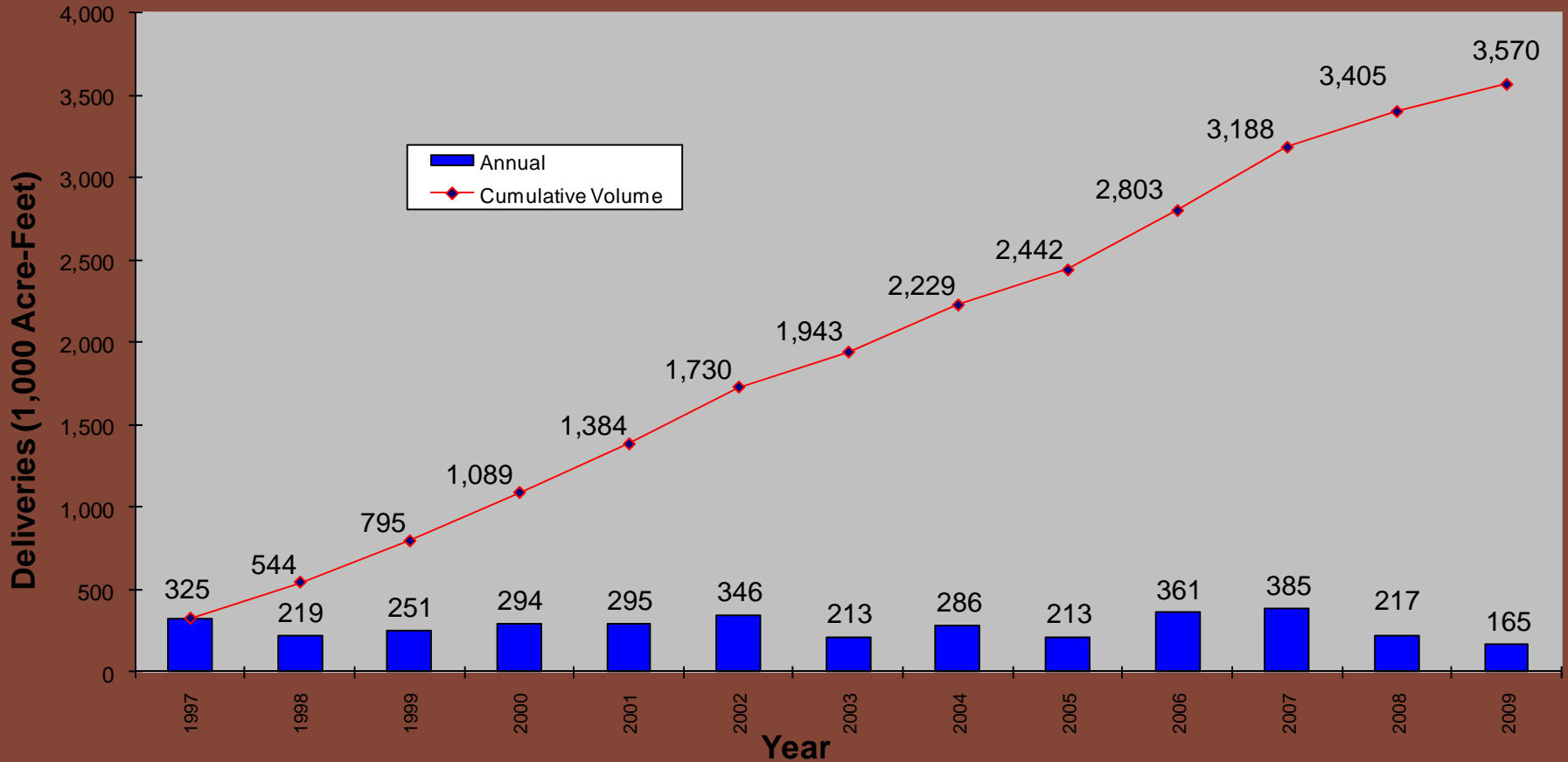
Underground Storage Facility

(Direct Recharge)



AWBA Performance

Volume of Water Delivered through 2009



Interstate Water Banking

- Secretary of the Interior published rule Dec. 1999
- ADWR Director makes determination Jan. 2000
- AWBA Subcommittee
 - Principles
 - Nevada negotiations - Nevada's goal 1.2 MAF
 - Three agreements

Agreement for Interstate Water Banking

- Agreement for Interstate Water Banking – July 3, 2001

AWBA to use its “best efforts” to store 1.25 MAF

Amended Agreement for Interstate Water Banking

- Amended Agreement for Interstate Water Banking -February 3, 2005
 - AWBA to guarantee storage of 1.25 MAF
 - NV agreed to pay \$330 million (\$100 million above cost of water delivery/storage)

Arizona Water Settlements Act

- AWBA statutes amended to make Water Bank agent for the State
- Agreement between the Secretary of Interior and AWBA for the Firming of Central Arizona Project Water - November 15, 2007

Indian Firming

- State's responsibility:
 - firm 15,000 AF water reallocated to Gila River Indian Community
 - firm 8,724 AF water reallocated to AZ Indian tribes
 - assist Secretary in carrying out obligations of Southern Arizona Water Rights Settlement Act (Tohono O'odham)

In Conclusion

- ❖ The AWBA was created to address a Statewide concern: Under-utilization of Arizona's Colorado River water
- ❖ AWBA is achieving its original goal- has stored over 3.3 million acre-feet for the future
- ❖ AWBA more recently has significant statutory and contractual obligations

Questions?

