



In 1993, the City of Wichita began searching for a future water supply. Demand was going to exceed supply by 2015. The Aquifer Storage and Recovery (ASR) project was launched in 2006. It will provide water for the region through 2050.

The ASR project will:

- Provide water for more than 600,000 users by the year 2050
- Prevent potential drought-related problems experienced elsewhere in the country
- Attract industrial customers that rely on water for their manufacturing process
- Provide water for municipal, commercial, industrial and agricultural users
- Replenish a rare resource in the state of Kansas — the Equus Beds aquifer
- Lower energy costs for irrigators, due to the higher groundwater levels

Environmental Benefits:

- Limit saltwater contamination
- Increase base flow along the Little Arkansas River due to greater drainage from the aquifer
- Improve the aquatic environment as more water drains to streams
- Reduce impact on surrounding land, related to surface water supplies





A State Partner:

- Help secure municipal and industrial water resources
- Provide assistance for funding underground reservoir project
- Compliment federal funding contribution
- Help retain and gain manufacturing jobs
- Support a regional economy producing a quarter of Kansas' retail sales - \$7.6 billion

ASR Facts:

- Four Phases—\$350-\$400 million price tag
- Phase II underway, recharging ability of 30 million gallons a day (mgd)
- Aquifer storage capacity is 65 billion gallons, equal to Cheney Reservoir
- 350 mgd recharged into the aquifer in 2007

