

## Waste Water Growth and Development

### July 2004-June 2005- \$210,000

- ∞ Completed Phase I of the SR 260 Annexation Area Sewer/Design project
- ∞ Creation of a City Utilities Department which is comprised of the Waste Water Division and the newly created Water Division

### July 2005-June 2006 - \$74,000

- ∞ Started preparation for reclaimed water fill station construction
- ∞ The Waste Water Treatment Plant laboratory was certified by the Arizona Department of Health Services

### July 2006-June 2007 -\$148,000

- ∞ Worked with engineering firm Coe and Van Loo to draft a Waste Water treatment plant master plan
- ∞ Conducted the Hwy 260 sewer expansion study
- ∞ Made significant upgrades to the reclaimed water fill station which has increased the sale of reclaimed water

### July 2007-June 2008-\$240,000

- ∞ Phase I of the sewer collection system cleaning and televising project completed
- ∞ Manhole inspection component of the Draft Waste Water Collection System Master Plan
- ∞ Design of the Hwy 260 sewer

### July 2008- June 2009 -\$856,000

- ∞ Completed Phase I of the UV disinfection replacement project
- ∞ Replaced the obsolete Waste Water Supervisory Control And Data Acquisition (SCADA) system and installed SCADA at five of the most critical water sites
- ∞ Completed the cleaning and televising of 50% of the Waste Water collection system ( the final phase of a two year program)
- ∞ Completed a sanitary sewer manhole inspection program for the entire Waste Water collection system

### June 2009-July 2010 -\$294,000

- ∞ Installed Mesquite Hills sewer bypass line
- ∞ Completed Phase 2 of the UV lamp replacement project
- ∞ Completed Phase 1 of the sand filter replacement
- ∞ Northern Arizona Intergovernmental Transportation Authority Building reclaimed water main installation

### July 2010-June 2011 -\$100,000

- ∞ Completed Phase 2 Sand Filter replacement
- ∞ Completed Phase 3 Ultra Violet disinfection lamp replacement
- ∞ Riverfront Water Reclamation Facility (WRF)-Preconstruction Stage

### July 2011-June 2012 -\$4,200,000

- ∞ Lift station 4 wet well expansion project
- ∞ Installing replacement units for head works fine screen and odor control units
- ∞ Riverfront WRF Design approval

## City of Cottonwood -[www.cottonwoodaz.gov](http://www.cottonwoodaz.gov)

**Douglas Bartosh, City Manager**  
City Hall

827 N. Main St. Cottonwood, AZ 86326  
(928) 634-5526—[dbartosh@cottonwoodaz.gov](mailto:dbartosh@cottonwoodaz.gov)

**Dan Lueder, Developmental Services General Manager**  
Cottonwood Municipal Water and Waste Water Utility  
111 N. Main St. Cottonwood, AZ 86326  
(928) 634-0186—[dlueder@cottonwoodaz.gov](mailto:dlueder@cottonwoodaz.gov)

**Rudy Rodriguez, Administrative Services General Manager**  
Finance/Human Resources Department  
816 N. Main St. Cottonwood, AZ 86326  
(928) 634-0060—[rrodriguez@cottonwoodaz.gov](mailto:rrodriguez@cottonwoodaz.gov)

**Richard Faust, Community Services General Manager**  
Recreation Center  
150 S 6th Street Cottonwood, AZ 86326  
(928) 639-3200—[rfaust@cottonwoodaz.gov](mailto:rfaust@cottonwoodaz.gov)

# The City of Cottonwood



FY 2005 - FY 2012

Over the last 8 years the City has worked towards improving its Water and Waste Water infrastructure. The projects listed in this pamphlet are just a few examples of the capital improvements that have been made to the Water & Waste Water systems to make them more efficient and reliable.

The City of Cottonwood's goal has always been to improve the services provided to it's citizens through growth and development.

## CREATING BETTER WATER INFRASTRUCTURE THROUGH GROWTH & DEVELOPMENT

### July 2004-June 2005-\$8,900,000

- ∞ Creation of Cottonwood Municipal Water and Waste Water Utilities Department
- ∞ Hired a new Utilities Director
- ∞ Acquired 3 local water companies: Cordes Lakes, Clemenceau and Verde Santa Fe
- ∞ Inspected Twenty potable water reservoirs in the Cordes Lakes, Clemenceau and Verde Santa Fe water systems
- ∞ Performed a Mainline water valve location project in the Cordes Lakes and Clemenceau water systems
- ∞ Arsenic treatment study for Cordes Lakes, Clemenceau and Verde Santa Fe water systems and a Hwy 260 corridor water feasibility study

### July 2005-June 2006-\$9,100,000

- ∞ Completion of the Willard Street waterline installation project which involved new 8" water main and three new fire hydrants
- ∞ Acquired Cottonwood Water Works
- ∞ Installed new disinfection equipment at all Clemenceau and Cordes Lakes Water Well Sites
- ∞ Completed a Hwy 260 well, booster station, reservoir and waterline feasibility study
- ∞ Replacement of defective booster pumps at Well 3-1 with variable drive pumping system
- ∞ Upgraded well pumps, motors and drop pipe at three wells to increase efficiency and capacity

### July 2006- June 2007 -\$734,000

- ∞ Replaced Cottonwood Water Works wells 5, 1, 2, 7 and 3-1 and Wells 1-1, 2-2, 5-1, 6-2, 7-1, Cordes 2 and Verde Santa Fe to increase capacity
- ∞ Replaced wells and installed a variable drive pumping system to allow Cottonwood Water Works Wells 8 & 9 to provide water to unit eight during times of high demand

- ∞ Completed the Verde Santa Fe valve exercising and plotting program along with a leak detection survey
- ∞ Emergency replacement of water main washed out as the result of a storm and flood on July 30, 2007
- ∞ Designed waterline relocations for HWY 260 widening project and had approved by Arizona Department of Transportation (ADOT)

### July 2007- June 2008-\$671,000

- ∞ Began construction of water facility upgrades and arsenic remediation systems installation
- ∞ Completed installation of water sampling stations for ADEQ mandated monthly bacteriological samples
- ∞ Completed water line relocation for Hwy 260 widening project

### July 2008- June 2009-\$2,100,000

- ∞ Installed a new electrical power supply to well 8/9 facility completed construction of a new water line from well 8-9 to Cottonwood Street
- ∞ Completed installation of eight arsenic remediation units
- ∞ Purchased the former Foxworth Lumber facility at 111 North Main Street to serve as the new utility headquarters
- ∞ Installed thirteen new fire hydrants in the Verde Villages where there previously were none

### July 2009- June 2010-\$4,000,000

- ∞ Arsenic Installations: Verde Village Units 2, 3, 4, 5, and 6 and City of Cottonwood Wells 1, 2, 4, 5, 7, 8 and 9
- ∞ Work performed to allow installation of the arsenic systems: Well 5 & 8/9 sewer lateral, Wells 4/7 sewer lateral, potable water interconnection and wellhead upgrades, 1800' of waterline to connect wells 1 & 2
- ∞ Potable water installations completed at Hwy 89A / Candy and Willard, 7th St/Aspen, 12th St transmission line and hydrant installation project and Well 8-2 to Well 8-9

- ∞ Riverfront Park potable water service line upgrade and Verde Heights potable water gravity feed conversion
- ∞ Hwy260 Well line installation and paving
- ∞ Supervisory Control And Data Acquisition (SCADA) installation for Verde Village wells 1-1 and 2-1
- ∞ Acquired Spring Creek and Quail Canyon water systems

### July 2010-June 2011- \$690,000

- ∞ Decommissioned old obsolete wells from the Clemenceau system, and Verde Village Well 6-1 and 8-1
- ∞ Completed Arsenic system installation and compliance that was began in FY 2007
- ∞ Quail Canyon well rebuild
- ∞ Verde Village, Verde Santa Fe well electrical upgrades
- ∞ Started project to run water line from Cottonwood to Pine Shadows to increase water flow

### July 2011-June 2012 - \$3,600,000

- ∞ Finish Mingus, SR260 and Pine Shadows Waterline
- ∞ Complete Well site 8/9 Reservoir - construction that began in Fiscal year 2011
- ∞ Purchase, design and build second mobile arsenic regeneration trailer
- ∞ Finish Mesquite Hills well site arsenic installation

Since the City of Cottonwood first considered purchasing the local water companies we have been working on improving the existing system for everyone in the Verde Valley. Along with the improvements, we have worked towards meeting all Arizona Department of Environmental Qualities (ADEQ) regulations on drinking water. The City's goal has always been to improve upon the existing water system, update all the water lines, add new water lines, increase water rights and provide better services and quality drinking water to all citizens.