

WATER SUPPLY

Water Supply Core Business

WATER RESOURCES Program: Aquifer Storage and Recovery Phase II Inside Bexar County - (30 MGD) Contact: Mike Brinkman	Description: The Aquifer Storage and Recovery Program will store potable water in the Carrizo Aquifer for use during periods of peak demand or during drought. This program will construct projects including the second phase of the well field, pipelines, and treatment plant to develop additional storage capacity in southern Bexar County.	Justification: This program is part of the 50 Year Water Resource Plan.				
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition						
Design						
Construction	\$16,647,000					\$16,647,000
Total Allocations	\$16,647,000					\$16,647,000

WATER RESOURCES Program: Aquifer Storage and Recovery System Integration Contact: Francis Plocek	Description: This program funds the construction of potable water infrastructure projects required to deliver and integrate ASR water into the SAWS system.	Justification: Source water integration must consider water quality and water distribution in a coordinated manner.				
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition						
Design						
Construction	\$12,386,020					\$12,386,020
Total Allocations	\$12,386,020					\$12,386,020

WATER RESOURCES Program: Edwards Groundwater Purchase Contact: Norene Hutchinson	Description: Acquisition of Edwards Water Rights through permanent acquisitions from agricultural lands in Bexar County, Medina County and Uvalde County.	Justification: This project is part of the 50 Year Water Resources Plan.				
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition	\$16,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$28,000,000
Design						
Construction						
Total Allocations	\$16,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$28,000,000

CORPORATE Project: Enterprise Resource Planning Program Contact: Bobby Reeves	Description: Develop Management and Financial system for SAWS.				Justification: This system will improve efficiency and productivity.	
Project Allocation	2004	2005	2006	2007	2008	Project Total
Acquisition						
Design	\$2,100,000					\$2,100,000
Construction						
Total Allocations	\$2,100,000					\$2,100,000

WATER RESOURCES Program: Lower Guadalupe River Acquisitions Project: Lower Guadalupe Water Supply Project Contact: Gary Guy	Description: The Lower Guadalupe Supply Project (LGSP) captures water below the confluence of the Guadalupe and San Antonio Rivers for pumpage to San Antonio. A concept study was completed in 2003 determining possible pipeline routes to transfer water to San Antonio by 2012.				Justification: This project is in the approved SP1 Regional Plan and is part of the 50 Year Water Resources Plan.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition	\$2,168,100		\$1,593,056	\$1,593,056	\$1,593,056	\$6,947,268
Design	\$3,425,400		\$1,479,844	\$1,479,844	\$1,479,844	\$7,864,931
Construction						
Total Allocations	\$5,593,500		\$3,072,900	\$3,072,900	\$3,072,900	\$14,812,999

WATER RESOURCES Program: Oliver Ranch Contact: Ashok Kaji	Description: Construction of a water tank and pump station to allow water to be pumped into the water system in two directions.				Justification: Part of the North Bexar County build out for Oliver Ranch/BSR and Western Canyon projects.	
Project Allocation	2004	2005	2006	2007	2008	Project Total
Acquisition						
Design						
Construction	\$3,000,000					\$3,000,000
Total Allocations	\$3,000,000					\$3,000,000

WATER RESOURCES Program: Recycle Program Contact: Jesse Guerra	Description: Projects will be constructed to deliver recycled water to customers in the SAWS service area.				Justification: The use of recycled water for various purposes such as irrigation is more cost efficient than utilizing potable water and provides for conservation of potable water.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition						
Design						
Construction	\$1,500,000	\$5,800,000	\$4,500,000	\$6,500,000	\$16,000,000	\$34,300,000
Total Allocations	\$1,500,000	\$5,800,000	\$4,500,000	\$6,500,000	\$16,000,000	\$34,300,000

WATER RESOURCES Program: Western Gonzales County Phase I Contact: Gary Guy	Description: This program will purchase/lease water rights from residents in Gonzales County and construct production facilities to take water from the Carrizo Aquifer and deliver to the Twin Oaks treatment plant in south Bexar County.				Justification: This program is part of the 50 Year Water Resource Plan.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition	\$4,980,400					\$4980,400
Design	\$20,483,000					\$20,483,000
Construction		\$85,288,000	\$30,300,000	\$3,000,000		\$118,588,000
Total Allocations	\$25,463,400	\$85,288,000	\$30,300,000	\$3,000,000		\$144,051,400

WATER RESOURCES Program: Western Gonzales County Phase II Contact: Gary Guy	Description: This program will purchase/lease water rights from residents in Wilson County and construct production facilities to take water from the Carrizo Aquifer and deliver to the Twin Oaks treatment plant in south Bexar County.				Justification: This program is part of the 50 Year Water Resource Plan.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition			\$2,500,000	\$2,000,000		\$4,500,000
Design	\$1,000,000		\$4,490,000			\$5,490,000
Construction			\$2,676,000	\$14,775,000		\$17,451,000
Total Allocations	\$1,000,000		\$9,666,000	\$16,775,000		\$27,441,000

WATER RESOURCES Program: Regional Western Gonzales/Carrizo Integration Contact: Gary Guy	Description: This program will purchase easements in Bexar County to deliver treated water to the Twin Oaks treatment plant and to the new Lackland Pump Station and Anderson Pump Station on the west side of San Antonio. These facilities will integrate water into the SAWS system from Western Gonzales/Carrizo Phase I, II, and III as well as future water.				Justification: This program is part of the 50 Year Water Resource Plan.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition						
Design						
Construction	\$4,100,000	\$19,200,000	\$72,800,000	\$35,100,000	\$5,450,000	\$136,650,000
Total Allocations	\$4,100,000	\$19,200,000	\$72,800,000	\$35,100,000	\$5,450,000	\$136,650,000

WATER RESOURCES Program: Watershed Protection Sensitive Land Contact: Scott Halty	Description: This program provides funds to assist in purchasing land over the Edwards Aquifer Recharge Zone (EARZ) to preserve geologically sensitive areas either through fee simple purchases of lands or through the establishment of Conservation Easements.				Justification: The purpose of the Sensitive Land Acquisition Program is to protect and preserve the quality and quantity of water entering the EARZ. This program promotes the purchase of lands that will not be developed but retained as greenbelts that will allow rainwater to continue to infiltrate into the EARZ.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition	\$3,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$11,000,000
Design						
Construction						
Total Allocations	\$3,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$11,000,000

WATER RESOURCES Program: West Canyon Contact: Gary Guy	Description: Treated water from Canyon Lake will be delivered to participants in portions of Comal, Kendall, and Bexar Counties. SAWS' dual points of delivery are the Winwood Water Tank to be constructed adjacent to IH10 near Fair Oaks Parkway and the Oliver Ranch Tank located on Hwy 281 North. The capital allotted is to construct the pipeline to integrate water from the Oliver Ranch Tank into Pressure Zone 7.				Justification: SAWS approved a contract in March 1998 with the Guadalupe-Blanco River Authority (GBRA) to buy surface water from Canyon Lake. This program is part of the 50 Year Water Resource Plan.	
Project Allocation	2004	2005	2006	2007	2008	Project Cost
Acquisition						
Design						
Construction	\$4,000,000					\$4,000,000
Total Allocations	\$4,000,000					\$4,000,000