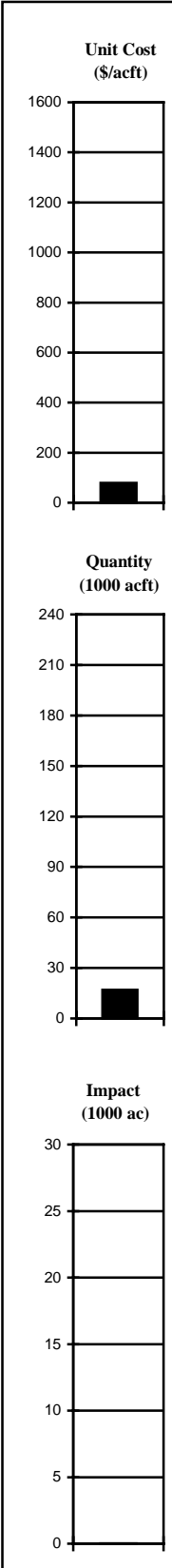


SOUTH CENTRAL TEXAS REGION WATER SUPPLY OPTIONS
OPTION DATA SHEET
August 2000



OPTION NUMBER: L-20
OPTION NAME: Transfer of SAWS Reclaimed Water to Coletto Creek Reservoir (Exchange for CP&L Rights and GBRA Canyon Contract)

OPTION DESCRIPTION: *A portion of SAWS return flows would be diverted from the San Antonio River near Goliad to Coletto Creek Reservoir for use as make-up steam-electric power cooling water, in exchange for transferring Guadalupe River water rights now being used for these purposes to the Saltwater Barrier and enhancing the firm yield of Canyon Reservoir through termination of the current GBRA/CP&L water supply contract.*

TIME NEEDED TO IMPLEMENT: 1-5 yr. 5-15 yr. > 15 yr.

<i>COST, QUANTITY OF WATER, AND LAND IMPACTED</i>		
UNIT COST OF WATER:	\$79 per acft¹	Raw Water at Sources
QUANTITY OF WATER:	17,000 acft/yr²	
LAND IMPACTED:	23.5 acres³	

<i>POSITION RELATIVE TO ALL OPTIONS</i>		
UNIT COST OF WATER:	of	(1=lowest unit)
QUANTITY OF WATER:	of	(1=highest volume)
LAND IMPACTED:	of	(1=least acreage)

FACTORS AFFECTING COST, QUANTITY, AND LAND IMPACTED

¹**COST:** Diversion and surface water intake structures on the San Antonio River, pump station, pipeline to Coletto Creek watershed divide, and discharge structure.

²**QUANTITY OF WATER:** Raw water available from Canyon Reservoir (6,200 acft/yr) and at the Guadalupe River Saltwater Barrier (10,800 acft/yr) due to diversion of reclaimed water from the San Antonio River at Goliad to Coletto Creek Reservoir.

³**LAND IMPACTED:** Pipeline right-of-way for raw water diversion from San Antonio River to Coletto Creek Reservoir.

ENVIRONMENTAL ISSUES: Effects of San Antonio River water upon quality of Coletto Creek Reservoir and effects of pipeline and pump station locations upon terrestrial habitats.

SIGNIFICANT ISSUES AFFECTING FEASIBILITY: Water supply reliability and potential water quality effects at Coletto Creek Reservoir.

ADDITIONAL FACTORS: Ability to obtain permits and agreements with GBRA and CP&L for implementation of the project.

OTHER WATER SUPPLY OPTIONS DIRECTLY AFFECTED: L-11, L-14, S-14D, S-15Da, S-15Db, S-15Dc, S-15Ea, S-15Eb, S-16C, G-15C, G-24, G-38C, SCTN-14a, SCTN-14b, SCTN-16a, SCTN-16b, and/or SCTN-16c.