

Fact Sheet

Options for San Antonio to Meet Future Water Supply Needs

In the Region L Plan, several options were identified that will supply water to meet future needs in Bexar County, estimated to be 378,480 ac-ft/year by 2050. These options and their costs are summarized here. The total additional water supplied by these options is 553,694 ac-ft/year.

Conservation/Reuse

	Additional Water (ac-ft)	Annual \$/ac-ft
Expand municipal conservation efforts	38,090	\$50 - \$200
SAWS Recycled Water Program	52,215	\$395
Desalination of seawater	84,012	\$1,440

Groundwater

	Additional Water (ac-ft)	Annual \$/ac-ft
Transfer conserved Edwards irrigation water	27,314	\$36
Transfer Edwards irrigation rights	32,986	\$80
Edwards recharge enhancement	21,577	\$1,087
Carrizo aquifer - Wilson & Gonzalez	16,000	\$781
Simsboro aquifer	55,000	\$865

Surface Water

	Additional Water (ac-ft)	Annual \$/ac-ft
Lower Guadalupe Diversion ¹	94,500	\$914
Lower Colorado Diversion	132,000- 150,000	\$1016

Water Supply Projects Underway

	Additional Water (ac-ft)
Schertz-Sequin Water Supply ²	3,919
Western Canyon Regional Water Supply ²	500
Carrizo Aquifer - Bexar & Guadalupe	4,000
Trinity Aquifer	1,000

¹ Includes a proposal to tap 65,200 ac-ft of existing rights (172,000 ac-ft) near the mouth of the Guadalupe River. These underutilized rights would be senior to SMRF. Also, includes 21,800 ac-ft of unappropriated water, 14,200 feet of groundwater from Gulf Coast Aquifer, and a loss of 6,700 ac-ft/year to net evaporation from the off-channel reservoirs.

² Reflects amount allocated to Bexar County from larger projects.