

4B.10 McMullen County Water Supply Plan

Table 4B.10-1 lists each water user group in McMullen County and their corresponding surplus or shortage in years 2030 and 2060. All water user groups have an adequate supply, as shown in Table 4B.10-1.

**Table 4B.10-1.
McMullen County Surplus/(Shortage)**

Water User Group	Surplus/(Shortage) ¹		Comment
	2030 (acft/yr)	2060 (acft/yr)	
Choke Canyon WSC	13	13	Projected surplus — supplies and demands split between Live Oak and McMullen Counties
County-Other	31	52	Projected surplus
Manufacturing	none	none	No demands projected
Steam-Electric	none	none	No demands projected
Mining	0	0	Supply equals demand
Irrigation	6	6	Projected surplus
Livestock	0	0	Supply equals demand
¹ From Tables 4A-17 and 4A-18, Section 4 – Comparison of Water Demands with Water Supplies to Determine Needs.			

4B.10.1 Choke Canyon WSC

Choke Canyon WSC has service areas in Live Oak and McMullen Counties, with a portion of their total water demand and supplies allocated to each county (Tables 4A-16 and 4A-18). In January 2004, Choke Canyon WSC was purchased by the City of Three Rivers. Choke Canyon water supply demands are met with groundwater from the Gulf Coast Aquifer and surface water supplies from the City of Three Rivers. No shortages are projected for Choke Canyon WSC and no changes in water supply are recommended.

4B.10.2 County-Other

County-Other demands are met with groundwater from the Carrizo-Wilcox, Queen City, and Sparta Aquifers. No shortages are projected for County-Other entities. In 2000 McMullen County-Other has a per capita per day usage of 201 gallons per capita per day (gpcd) and an

estimated usage of 187 gpcd in 2060 (after built-in savings for low flow plumbing fixtures), based on TWDB water demand and population projections. The CBRWPG recommends additional water conservation of 15 percent by 2060 for all municipal entities with reported use greater than 165 gpcd in 2060.

4B.10.3 Manufacturing

No manufacturing demand exists or is projected for the county.

4B.10.4 Steam-Electric

No steam-electric demand exists or is projected for the county.

4B.10.5 Mining

Mining demands in McMullen County show a small increase over the planning period. These demands are met by groundwater from the Carrizo-Wilcox Aquifer. No shortages are projected for mining and no changes in water supply are recommended.

4B.10.6 Irrigation

No irrigation demand exists or is projected for the county. The small surplus supply shown in Table 4B.10-1 indicates that there has been small irrigation use in the past in the county.

4B.10.7 Livestock

The livestock water demands in McMullen County are met by groundwater from the Carrizo-Wilcox, Gulf Coast, Queen City, and Sparta Aquifers. No shortages are projected for livestock and no changes in water supply are recommended.