

5B.35 Washington County Water Supply Plan

Table 5B.35-1 lists each water user group in Washington County and their corresponding surplus or shortage in years 2030 and 2050.

**Table 5B.35-1.
Washington County Surplus/(Shortage)**

<i>Water User Group</i>	<i>Surplus/(Shortage)¹</i>		<i>Comment</i>
	<i>2030 (acft/yr)</i>	<i>2050 (acft/yr)</i>	
City of Brenham	2,079	2,283	Projected surplus
County-Other	9,720	10,046	Projected surplus
Manufacturing	1,685	1,591	Projected surplus
Steam-Electric	(0)	(0)	No Projected Surplus/(Shortage)
Mining	552	547	Projected surplus
Irrigation	362	362	Projected surplus
Livestock	(0)	(0)	No Projected Surplus/(Shortage)

¹ From Tables 4-69 and 4-70, Section 4 – Comparison of Water Demands with Water Supplies to Determine Needs.

5B.35.1 City of Brenham

The City of Brenham obtains its water supply from Lake Somerville with one emergency back-up well that can produce water from the Gulf Coast Aquifer. The city has contracted with the Brazos River Authority for 4,619 acft/yr of water supply from Lake Somerville that exceeds its year 2050 needs of 2,336 acft/yr. No changes in water supply are recommended.

5B.35.2 County-Other

County-Other is projected to have a surplus of water through the year 2050 and no changes in water supply are recommended.

5B.35.3 Manufacturing

Manufacturing is projected to have a surplus of water through the year 2050 and no changes in water supply are recommended.

5B.35.4 Steam-Electric

No Steam-Electric demand exists nor is projected for the county.

5B.35.5 Mining

Mining is projected to have a surplus of water through the year 2050 and no changes in water supply are recommended.

5B.35.6 Irrigation

Irrigation is projected to have a surplus of water from available groundwater and surface water supplies and no changes in water supply are recommended.

5B.35.7 Livestock

No shortages are projected for Livestock use and no changes in water supply are recommended.