



County of Tazewell and the Towns of Bluefield, Cedar Bluff, Pocohontas, Richlands, and Tazewell

**Water Source Overview**

Major water sources include the Bluestone River, Clinch River, Lake Whitten, and the Cox Reservoir.

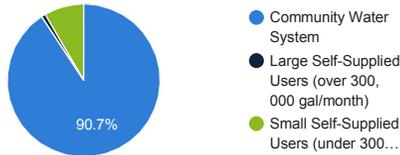
**\*Table 1:** Reported (2010) and projected (2040) water use by system type for Tazewell County in MGD

Type	Reported Use 2010 MGD	Projected Use 2040 MGD
Community Water System	7.510	7.510
Large Self-Supplied Users (over 300,000 gal/month)	0.074	0.074
Small Self-Supplied Users (under 300,000 gal/month)	0.697	0.010

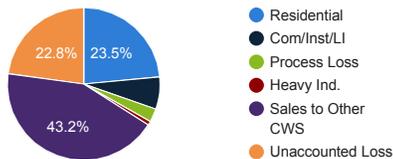
**Water Use by System Type**

Approximately 11,500 people use private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

**\*Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)



**\*Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)



**\*Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Tazewell County in MGD

Reported 2010 Groundwater Use (MGD)	Reported 2010 Surface Water Use (MGD)	Projected 2040 Groundwater Use (MGD)	Projected 2040 Surface Water Use (MGD)
0.78	7.50	0.10	7.50

**\*Figure 3:** Tazewell County highlighted in the Commonwealth of Virginia



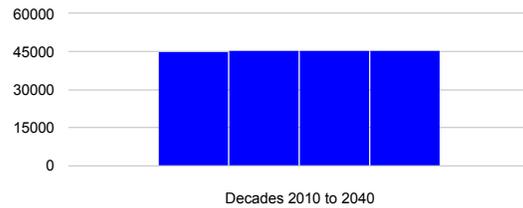
**Projected Water Demand**

Population is projected to increase slightly through the planning period. Existing water sources are expected to meet projected demands.

**\*Table 3:** Tazewell County population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

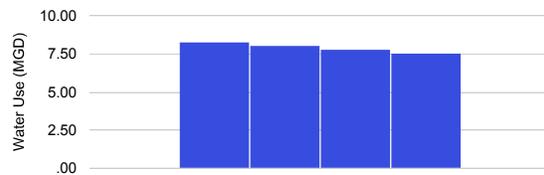
2010	2020	2030	2040	% Change (2010-2040)
45,078	45,300	45,436	45,535	0.0%

**\*Figure 4:** Tazewell County population projections by decade for 2010, 2020, 2030 & 2040



**\*Table 4 & Figure 5:** Tazewell County water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

Reported Use 2010 MGD	Projected Use 2020 MGD	Projected Use 2030 MGD	Projected Use 2040 MGD	Percent Change (2010-2040)
8.28	8.05	7.82	7.59	-8.3%



**Drought Management Practices**

The County and Towns adopted ordinances for the implementation and enforcement of the Drought Response and Contingency Plan (Southwest Virginia Regional WSP).