

Cane Creek watershed of Red River (051002-04-150)

Geography. The Cane Creek of Red River watershed lies in northeastern Powell County and includes a bit of Menifee County. The land is in the Eastern Kentucky Coal Field physiographic region, characterized by mountainous terrain, rapid surface runoff, and moderate rates of groundwater drainage. The watershed is underlain by coals, sandstones, and shales: this geology is generally conducive to productive wells, although water quality may be low for wells that draw from coal layers. Parts of the watershed lie over sandstone aquifers. Other parts lie above interbedded clay shales and siltstones.

Waterways. Cane Creek empties into the Red River between Bowen and Stanton. Among the creeks that feed it are Lower Cane Creek and Right Fork Cane Creek.

Land and water use. Land in the watershed is mainly rural and wooded; about 10% is agricultural. No businesses or organizations hold permits for discharges into the creeks. See the 2000 Assessment Report for full details.

Agency data assessment. The assessed creek segments in this watershed includes one that does not support its designated uses, based on biological and/or water-quality data. Pathogens contribute to the impairment of this stream. See the 2000 Assessment Report or 2000 305(b) list and the 2002 303(d) list of impaired streams for full details.

Kentucky River Basin Management Plan, 2002. Information is from the first basin cycle (1997-2002), including the 1998-1999 monitoring effort and the 2000 Assessment Report. See kywatersheds.org or www.uky.edu/WaterResources/Watersheds for the complete Assessment Report and Management Plan.

Watershed Restoration Ranking			Watershed Protection Rank	Overall Watershed Rank	Framework Mobilization Category
<i>Observed Impacts</i>	<i>Potential Impacts</i>	<i>Combined Rank</i>			
High	Low	High	Medium	High	III

Watershed Highlights

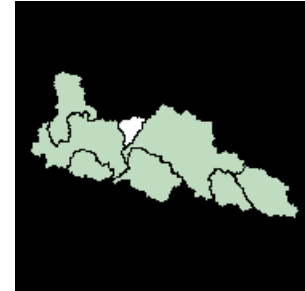
Watershed covers 14 square miles.

Pathogens make contact recreation unsafe in Cane Creek from the mouth to Right Fork of Lower Cane Creek (1st priority TMDL 2002).

The Menifee County portion of the watershed is in the PRIDE service region.




Red River Region



See the color map of this region on p. 129.

LEGEND

- Area of this watershed 
- Sewage plants 
- Public water supplies 
- Other water withdrawals 
- Locks & dams 
- Cities and towns 
- Rivers and larger streams 
- Smaller streams 
- County borders 

