

# Red River headwaters watershed (051002-04-110)

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**Geography.** The Red River headwaters watershed lies in Wolfe County and partly in southern Morgan County. The higher eastern part of the watershed is in the Eastern Kentucky Coal Field physiographic region, characterized by mountainous terrain, rapid rates of surface runoff, and moderate rates of groundwater drainage. The lower western part of the watershed is in the plateau area of the coal field region, characterized by rolling terrain, medium to rapid rates of surface runoff, and slow to medium 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.

**Waterways.** This watershed includes the Red River from its sources to a point just west of Hazel Green. Among the creeks that feed the Red River in this watershed are Lacy Creek, Gilmore Creek, State Road Fork, and Rose Fork.

**Land and water use.** Land in the watershed is mainly rural and wooded; less than 10% is agricultural. Three businesses and organizations hold permits for discharges into the creeks. See the 2000 Assessment Report for full details.

**Agency data assessment.** No creeks were assessed in this watershed.

**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](http://kywatersheds.org) or [www.uky.edu/WaterResources/Watersheds](http://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>			
Low	Low	Low	Medium	Low	IV

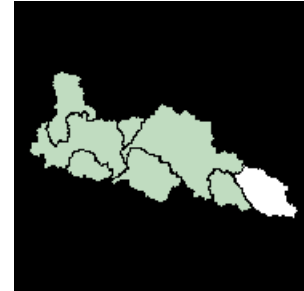
## Watershed Highlights

Watershed covers 59 square miles.

Watershed is in PRIDE service region. PRIDE identified 76 straight pipes or failing septic systems in the watershed.











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 