

Grapevine Creek watershed (051002-01-110)

Geography. The Grapevine Creek watershed is in northern Perry 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.

Waterways. Grapevine Creek empties into the North Fork Kentucky River north of Chavies. Among the creeks that feed it are Combs Branch, Spencer Creek, Clear Fork, Mudlick Branch, Wiley Miller Branch, Trace Branch, and Haddock Fork.

Land and water use. Land in the watershed is nearly all rural and wooded. Seven businesses and organizations hold permits for discharges into the creeks. See the 2000 Assessment Report for full details.

Agency data assessment. Grapevine Creek does not support some or all of its designated uses, based on biological and/or water-quality data. 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	Medium	High	Medium	High	III

Watershed Highlights

Watershed covers 14 square miles.

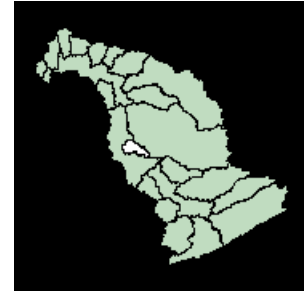
Aquatic life in Grapevine Creek is impaired by sedimentation and flow alteration, from its mouth to Combs

Branch (1st priority TMDL 2002).

Watershed is in PRIDE service region.











North Fork Region



See the color map of this region on p. 119.

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 