




## Assessment Summary

Blaine Creek 17.6 to 18.75 KY487428_02	 <p>This part of the stream does not support aquatic life.</p>
Deephole Branch to Yatesville Lake Dam	
Lawrence County, Big Sandy River Basin	
HUC 05070204	
Assessment Date: 1/27/2016	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods <sup>1,2,3</sup>
 (4C-NS)	Other flow regime alterations	Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Dam or Impoundment, Hydrostructure Impacts on Fish Passage, Upstream	Man-made or man-induced alteration of the chemical, physical (e.g. habitat), biological, and radiological integrity of water	Biological Monitoring, Habitat Assessment, Physical/Chemical Monitoring
 (5-NS)	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Loss of Riparian Habitat	Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation	Biological Monitoring, Habitat Assessment, Physical/Chemical Monitoring

<sup>1</sup>Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

<sup>2</sup>Data Source(s): KDOW PROB

<sup>3</sup>Data Collection Date(s): 8/8/2012

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