

This report was prepared by the Kentucky Water Research Institute as a product of the statewide Kentucky Watershed Management process. Information presented in this report was collected from many sources. Reasonable attempts were made to ensure that information and figures are as accurate as possible, but no representation or guarantee is made as to either the correctness or suitability of information for particular purposes. All critical information should be independently verified. Please address questions or corrections to Basin Coordinator, KWRI, Rm. 233 Mining and Minerals Resources Building, University of Kentucky, Lexington, Kentucky 40506-0107.

Summary of Basin Characteristics and Facilities

General Land-use Characteristics:

<i>Total Land Area (Acres):</i>	<input type="text" value="52,351"/>	<i>Acres</i>	<i>% of Total</i>		
<i>Residential Area:</i>	<input type="text" value="617"/>		<input type="text" value="1.2"/>	<i>Number of Mine Permits:</i>	<input type="text" value="0"/>
<i>Commercial Area:</i>	<input type="text" value="438"/>		<input type="text" value="0.8"/>	<i>Total Permitted Mining Area (Acres):</i>	<input type="text" value="0"/>
<i>Industrial Area:</i>	<input type="text" value="47"/>		<input type="text" value="0.1"/>	<i>Number of Identified Wetland Areas:</i>	<input type="text" value="69"/>
<i>Agricultural Area:</i>	<input type="text" value="35,037"/>		<input type="text" value="67.0"/>	<i>Total Wetland Area (Acres):</i>	<input type="text" value="38"/>
<i>Rural and Wooded Area:</i>	<input type="text" value="16,102"/>		<input type="text" value="30.8"/>		
<i>Other Land-use Area:</i>	<input type="text" value="82"/>		<input type="text" value="0.2"/>		

Withdrawal and Discharge Sites:

<i>Number of Public Water Supplies and Water Withdrawal Sites:</i>	<input type="text" value="10"/>	<i>Number of KPDES Discharge Permits:</i>	<input type="text" value="16"/>
<i>Surface Water Withdrawals:</i>	<input type="text" value="9"/>		
<i>Groundwater Withdrawals:</i>	<input type="text" value="1"/>		
<i>No. of Potable Water Treatment Facilities:</i>	<input type="text" value="5"/>		

Sampling Site Statistics:

<i>Number of USGS Gaging Stations:</i>	<input type="text" value="0"/>
<i>Number of Kentucky Division of Water Sampling Sites:</i>	<input type="text" value="0"/>
<i>Number of Kentucky Dept. of Fish and Wildlife Sampling Sites:</i>	<input type="text" value="0"/>
<i>Number of US Forest Service Sampling Sites:</i>	<input type="text" value="0"/>
<i>Number of US Army Corps of Engineers Sampling Sites:</i>	<input type="text" value="0"/>
<i>Number of Kentucky River Watershed Watch Sampling Sites:</i>	<input type="text" value="0"/>
<i>Number of Lexington-Fayette Urban Co. Gov. Sampling Sites:</i>	<input type="text" value="0"/>

Watershed Name: Kentucky River

11-Digit Watershed Identity Number: 05100205060

Stream and Waterbody Use Support Summary

<i>Total Stream Miles:</i> <input type="text" value="63.44"/>	<i>Number of Segments</i>	<i>Stream Miles Assessed</i>	<i>Miles * Fully Supportina</i>	<i>Miles * Partially Supportina</i>	<i>Miles * Not Supportina</i>	<i>Miles * Threatened</i>
<i>Segments Assessed:</i>	0	0.0				
<i>Designated Uses</i>						
<i>Aquatic Life:</i>	0	0.0				
<i>Primary Contact:</i>						
<i>Fish Consumption:</i>						
<i>Drinking Water:</i>						

* Blank values indicate no assessed segments for this category.

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Withdrawal Sites and Discharge Facilities:

<i>Public Water Supplies and Water Withdrawal</i>			
<i>Facility</i>	<i>Origin of Source</i>	<i>Type of Facility</i>	<i>Permit ID Number</i>
BULL RUN LLC/BULL AT BOONE'S TRACE	Surface Water	Water Withdrawal Site	WW1416
BULL RUN LLC/BULL AT BOONE'S TRACE	Surface Water	Water Withdrawal Site	WW1417
CLAYS FERRY CAMPGROUND	Groundwater	Water Treatment Plant	0762058
KENTUCKY-AMERICAN WATER CO	Surface Water	Water Treatment Plant	0340250
KENTUCKY-AMERICAN WATER CO	Surface Water	Water Withdrawal Site	0340250
LANCASTER WATER WORKS	Surface Water	Water Treatment Plant	0400233
LANCASTER WATER WORKS	Surface Water	Water Withdrawal Site	0400233
NICHOLASVILLE WATER DEPARTMENT	Surface Water	Water Treatment Plant	0570315
NICHOLASVILLE WATER DEPARTMENT	Surface Water	Water Withdrawal Site	0570315

<i>KPDES Permitted Discharge Facilities</i>			<i>KPDES Site ID Number</i>
<i>Facility</i>	<i>Type of Facility</i>		
BLUEGRASS WOODMEN YOUTH CAMP	SPORTING & RECREATIONAL CAMPS	KY0044105	
CLAYS FERRY TRAVEL PLAZA	GASOLINE SERVICE STATIONS	KY0078131	
EKU D J WILLIAMS FIRING RANGE	COLLEGES, UNIV & PROF SCHOOLS	KY0082422	
KY AMERICAN WATER CO	WATER SUPPLY	KY0091049	
NICHOLASVILLE WTP	WATER SUPPLY	KY0089915	
NICHOLASVILLE WTP	WATER SUPPLY	KYG640081	
PTRL EAST INC	LAB APPARATUS & FURNITURE	KY0094803	
VULCAN MATERIALS CO	CRUSHED AND BROKEN LIMESTONE	KYG840196	
WOODLAND COUNTRY ESTATES MHP	OPER OF RES MOBILE HOME SITES	KY0099601	

Gaging Stations and Sampling Sites:

<i>US Geological Survey and US Army Corps of Engineers Stream Gaging Stations</i>			
<i>Stream Location</i>	<i>Agency</i>	<i>Station ID Number</i>	<i>Sampling Parameter</i>
Kentucky River	US COE	USCE375037084262601	Flow
Kentucky River	US COE	USCE03284230	Flow
Kentucky River	USGS	USGS03284230	Flow
Kentucky River	USGS	USGS03284500	Flow
Kentucky River	US COE	USCE374442084351401	Flow