

Draft  
2012 Integrated Report to Congress on the Condition of  
Water Resources in Kentucky

Volume II. 303(d) List of Surface Waters



Kentucky Energy and  
Environment Cabinet  
Division of Water  
August 2012

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This report has been approved for release:

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Sandra L. Gruzesky, P.E.,  
Director, Division of Water

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Date

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## **Summary of the 2012 303(d) List of Impaired Waters**

The 1972 Federal Water Pollution Control Act, commonly known as The Clean Water Act, requires States to assess and report current water quality conditions to Congress biennially. While many agencies and individuals contribute assessment data, the Kentucky Division of Water (KDOW) of the Kentucky Department for Environmental Protection is responsible for Section 305(b) and Section 303(d) reporting requirements for surface waters.

The 2012 Integrated Report (IR) replaces the 2010 IR previously prepared by KDOW. The 305(b) portion of the report (Volume I) lists all water quality assessment results for surface waters (streams, springs, ponds, and reservoirs) in Kentucky. The 303(d) portion of the report (Volume II) is a subset of these assessed waters including all waters not supporting one or more designated uses and requiring the development of a Total Maximum Daily Load (TMDL). Only those segments that are impaired and still require a TMDL are in Category 5 (on the 303(d) list) of Volume II. It is suggested that the user refer to Volume I to obtain a listing of all waters assessed as impaired. However, for informational purposes, Volume II contains a chapter of approved TMDLs (see Chapter 11), regardless of whether or not the segment is still impaired by the TMDL pollutant. This volume also contains a chapter of proposed delistings for 2012 (see Chapter 10). These segments do not appear on the 303(d) list because they are no longer in Category 5.

Since 1998, Kentucky has monitored surface waters using a five-year rotating watershed management approach in which each of the five major Basin Management Units (BMUs) receives intensive monitoring in sequential years over the five-year cycle. To make the 303(d) list reflective of the current 305(b) assessment results, the 2012 303(d) list contains new listings of impaired waters from assessments made in 2009 through 2010. Additionally, long-term water quality stations had five years of data considered, beginning with 2005 for the Salt/Licking BMU and 2006 for the Tennessee/Mississippi/Cumberland BMU. The number of impaired waters (2460) reported in this volume has not increased notably over the number reported in the 2010 IR. The number of impaired waters does not represent a declining trend in water quality but instead is a result of increased monitoring efforts in regions that previously had only a few monitoring stations on larger rivers and streams.

For this volume, DOW continued the river mile and stream name updates that were begun in 2006. The information is being updated to reflect the National Hydrography Data Set river miles for segments and names of streams based upon topographic maps. Updates in stream names or river miles are indicated in this report.

There are over 700 pollutant/waterbody combinations for which a TMDL is currently under development. While the KDOW is responsible for submitting TMDLs to the U.S. Environmental Protection Agency (USEPA), many are being developed by other agencies, including EPA, universities, consultants, and municipalities.

As of May 2012, KDOW has submitted and EPA has approved TMDLs for 313 pollutant/waterbody combinations. EPA has also approved delisting requests for 431 pollutant/waterbody

combinations. Delisting approval is granted when KDOW has demonstrated that a listed pollutant/waterbody combination no longer requires a TMDL, although the segment may still be listed as impaired for other pollutants.

Unless otherwise stated, DOW identifies listed segments as first priority for TMDL development if any impairment causes the segment to be in nonsupport. Other listed segments that are in partial support are identified as second priority.

As stated earlier, Volume II contains impaired waters requiring TMDL development. TMDLs must be developed only when the cause of the impairment is a pollutant (i.e. mercury), not when the cause is pollution (i.e. habitat alteration).

## TMDLs under Development Prior to 2012

### Chapter 4. Status of TMDLs under Development Prior to 2012

#### 4.1 Kentucky Basin Unit

##### 4.1.1 Kentucky River Basin

##### 4.1.1.1 Benson Creek Watershed

Stream Name	County	River Miles	Pollutant
Benson Creek into Kentucky River	Franklin	0.0 to 4.6	Sedimentation/Siltation
Benson Creek into Kentucky River	Franklin	4.6 to 6.7	Nutrient/Eutrophication Biological Indicators
Benson Creek into Kentucky River	Franklin	4.6 to 6.7	Sedimentation/Siltation
Benson Creek into Kentucky River	Franklin	6.7 to 13.4	Nutrient/Eutrophication Biological Indicators
Benson Creek into Kentucky River	Franklin	6.7 to 13.4	Sedimentation/Siltation
Goose Creek into Benson Creek	Shelby	0.0 to 1.8	Sedimentation/Siltation
Goose Creek into Benson Creek	Shelby	1.85 to 4.2	Cause Unknown
North Benson Creek into Benson Creek	Franklin	0.8 to 2.0	Nutrient/Eutrophication Biological Indicators
North Benson Creek into Benson Creek	Franklin	0.8 to 2.0	Organic Enrichment (Sewage) Biological Indicators
North Benson Creek into Benson Creek	Franklin	0.8 to 2.0	Sedimentation/Siltation
North Fork North Benson Creek into North Benson Creek	Franklin	0.0 to 2.2	Nutrient/Eutrophication Biological Indicators
North Fork North Benson Creek into North Benson Creek	Franklin	0.0 to 2.2	Sedimentation/Siltation

The Kentucky Division of Water (KDOW) completed nutrient, organic enrichment and total suspended solids (TSS) monitoring in these streams in 2004. The University of Louisville Stream Institute collected additional sediment data and conducted a geomorphic assessment in Goose Creek in 2007 and 2008. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

##### 4.1.1.2 Boone Creek Watershed

Stream Name	County	River Miles	Pollutant
Boone Creek into Kentucky River	Fayette	7.4 to 12.6	Fecal Coliform
Boone Creek into Kentucky River	Fayette	7.4 to 12.6	Nutrient/Eutrophication Biological Indicators

KDOW completed monitoring in 2004. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

## TMDLs under Development Prior to 2012

### 4.1.1.3 Cane Run into North Elkhorn Creek

Stream Name	County	River Miles	Pollutant
Cane Run into North Elkhorn Cr.	Scott	0.0 to 3.0	Fecal Coliform
Cane Run into North Elkhorn Cr.	Scott	0.0 to 3.0	Nutrient/Eutrophication Biological Indicators
Cane Run into North Elkhorn Cr.	Scott	0.0 to 3.0	Sedimentation/Siltation
Cane Run into North Elkhorn Cr.	Scott	3.0 to 9.6	Fecal Coliform
Cane Run into North Elkhorn Cr.	Scott	3.0 to 9.6	Nutrient/Eutrophication Biological Indicators
Cane Run into North Elkhorn Cr.	Scott	3.0 to 9.6	Specific Conductance
Cane Run into North Elkhorn Cr.	Fayette	9.6 to 17.4	Fecal Coliform
Cane Run into North Elkhorn Cr.	Fayette	9.6 to 17.4	Nutrient/Eutrophication Biological Indicators
Cane Run into North Elkhorn Cr.	Fayette	9.6 to 17.4	Organic Enrichment (Sewage) Biological Indicators
Royal Spring into North Elkhorn Cr.	Scott	0.0 to 0.7	Nitrogen (Total)
Royal Spring into North Elkhorn Cr.	Scott	0.0 to 0.7	Phosphorus (Total)
UT to Cane Run into Cane Run	Fayette	0.0 to 3.5	Nitrogen (Total)
UT to Cane Run into Cane Run	Fayette	0.0 to 3.5	Phosphorus (Total)
UT to Cane Run into Cane Run	Fayette	0.0 to 2.4	Nitrogen (Total)
UT to Cane Run into Cane Run	Fayette	0.0 to 2.4	Phosphorus (Total)
UT to Cane Run into Cane Run	Fayette	0.0 to 2.1	Phosphorus (Total)

The Kentucky Water Resources Research Institute (KWRI) has developed draft bacteria TMDLs for Cane Run. The bacteria TMDLs will be submitted for public notice in 2012. KDOW completed specific conductivity, nutrient and organic enrichment data collection during 2007 and KWRI has been awarded a 319(h) project grant to develop a total phosphorus TMDL. Additional data for sediment is currently being collected by the University of Kentucky as part of a 319(h) project. This project extends from 2007 to 2012. Once sediment data collection is complete, KDOW will pursue development of sediment TMDLs when a protocol is developed.

### 4.1.1.4 Carr Creek Watershed

Stream Name	County	River Miles	Pollutant
Black John Branch into Defeated Cr.	Knott	0.0 to 0.4	Selenium
Black John Branch into Defeated Cr.	Knott	0.0 to 0.4	Specific Conductance
Black John Branch into Defeated Cr.	Knott	0.0 to 0.4	Total Dissolved Solids
Blair Branch into Defeated Creek	Knott	0.0 to 0.7	<i>Escherichia coli (E. coli)</i>
Blair Branch into Defeated Creek	Knott	0.0 to 0.7	Specific Conductance
Blair Branch into Defeated Creek	Knott	0.0 to 0.7	Total Dissolved Solids
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	<i>E. coli</i>
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	Specific Conductance
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	Total Dissolved Solids
Carr Fork into N. Fk. Kentucky R.	Knott	6.2 to 8.9	Specific Conductance
Carr Fork into N. Fk. Kentucky R.	Knott	6.2 to 8.9	Total Dissolved Solids

TMDLs under Development Prior to 2012

<b>Stream Name</b>	<b>County</b>	<b>River Miles</b>	<b>Pollutant</b>
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Fecal Coliform, <i>E. coli</i>
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Specific Conductance
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Total Suspended Solids
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Fecal Coliform
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Selenium
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Specific Conductance
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Total Dissolved Solids
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	<i>E. coli</i>
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Iron
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Specific Conductance
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Total Dissolved Solids
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	<i>E. coli</i>
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	Specific Conductance
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	Total Dissolved Solids
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	<i>E. coli</i>
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	Specific Conductance
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	Total Dissolved Solids
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	<i>E. coli</i>
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	Specific Conductance
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	Total Dissolved Solids
Smith Branch into Carr Fk. Reservoir	Knott	0.7 to 2.5	Specific Conductance
Smith Branch into Carr Fk. Reservoir	Knott	0.7 to 2.5	Total Dissolved Solids
Trace Fork into Carr Fk. Reservoir	Knott	1.25 to 3.4	Fecal Coliform, <i>E. coli</i>
Trace Fork into Carr Fk. Reservoir	Knott	1.25 to 3.4	Specific Conductance
Trace Fork into Carr Fk. Reservoir	Knott	1.25 to 3.4	Total Dissolved Solids
UT to Trace Fork into Trace Fork	Knott	0.05 to 0.7	<i>E. coli</i>

KDOW and the U.S. Corps of Engineers completed monitoring on these segments in 2008. KDOW will begin developing bacteria TMDLs and is anticipated for submittal in 2012. KDOW will pursue metals, specific conductance and total dissolved solids TMDLs when protocols are developed.

## TMDLs under Development Prior to 2012

### 4.1.1.5 Dix River Watershed

Stream Name	County	River Miles	Pollutant
Clarks Run into Dix River	Boyle	0.7 to 4.4	Ammonia (Un-ionized)
Clarks Run into Dix River	Boyle	0.7 to 4.4	Nutrient/ Eutrophication Biological Indicators
Clarks Run into Dix River	Boyle	0.7 to 4.4	Organic Enrichment (Sewage) Biological Indicators
Clarks Run into Dix River	Boyle	0.7 to 4.4	Sedimentation/Siltation
Clarks Run into Dix River	Boyle	6.7 to 14.3	Sedimentation/Siltation
Clarks Run into Dix River	Boyle	6.7 to 14.3	Total Nitrogen
Herrington Lake	Garrard	2940 acres	Nutrient/ Eutrophication Biological Indicators
Herrington Lake	Garrard	2940 acres	Organic Enrichment (Sewage) Biological Indicators

EPA Region IV is developing a nutrient model for Herrington Lake and KDOW will produce the TMDL document. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.1.1.6 Eagle Creek Watershed

Stream Name	County	River Miles	Pollutant
Caney Creek into Eagle Creek	Owen	0.0 to 1.5	Nutrient/ Eutrophication Biological Indicators
Caney Creek into Eagle Creek	Owen	0.0 to 1.5	Organic Enrichment (Sewage) Biological Indicators
Caney Creek into Eagle Creek	Owen	0.0 to 1.5	Sedimentation/Siltation
Eagle Creek into Kentucky R.	Grant	31.6 to 36.5	Nutrient/ Eutrophication Biological Indicators
Eagle Creek into Kentucky R.	Grant	31.6 to 36.5	Sedimentation/Siltation
Eagle Creek into Kentucky R.	Owen	50.8 to 58.5	Nutrient/ Eutrophication Biological Indicators
Eagle Creek into Kentucky R.	Owen	50.8 to 58.5	Sedimentation/Siltation
Elk Creek into Eagle Creek	Owen	0.0 to 1.6	Cause Unknown
Richland Creek into Eagle Creek	Owen	0.0 to 0.8	Sedimentation/Siltation
Stevens Creek into Eagle Cr.	Owen	14.4 to 17.1	Nutrient/ Eutrophication Biological Indicators
Stevens Creek into Eagle Cr.	Owen	14.4 to 17.1	Sedimentation/Siltation
Ten Mile Creek into Eagle Cr.	Grant	0.0 to 3.0	<i>E. coli</i>
Three Forks Creek into Eagle Cr.	Owen	0.0 to 7.6	Sedimentation/Siltation

An EPA Region 4 104(b)3 grant was awarded for TMDL development for fecal coliform in this watershed by the KWRRI. Bacteria monitoring is being conducted in Ten Mile Creek under a 319(h) grant through 2012; writing will begin after the data are collected. KDOW completed nutrient and TSS data collection during 2007. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.1.1.7 Hardwick Creek Watershed

Stream Name	County	River Miles	Pollutant
Hardwick Creek	Powell	0.0 to 3.2	Fecal Coliform

KDOW completed bacteria monitoring in 2006 and will begin developing bacteria TMDLs and is anticipated for submittal in 2013.

### 4.1.1.8 Hickman Creek Watershed

Stream Name	County	River Miles	Pollutant
East Hickman Cr. into Hickman Cr.	Fayette	4.2 to 10.2	Fecal Coliform
East Hickman Cr. into Hickman Cr.	Fayette	4.2 to 10.2	Nutrient/ Eutrophication Biological Indicators
UT of East Hickman Cr. into East Hickman Cr.	Fayette	0.8 to 2.2	Fecal Coliform
Hickman Creek into Kentucky R.	Jessamine	0.0 to 6.0	Nutrient/ Eutrophication Biological Indicators
Hickman Creek into Kentucky R.	Jessamine	6.0 to 25.5	Nutrient/ Eutrophication Biological Indicators
Hickman Creek into Kentucky R.	Jessamine	6.0 to 25.5	Sedimentation/Siltation
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.1	Organic Enrichment (Sewage) Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.1	Nutrient/ Eutrophication Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.1	Fecal Coliform
West Hickman Cr. into Hickman Cr.	Jessamine	3.1 to 8.4	Organic Enrichment (Sewage) Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	3.1 to 8.4	Nutrient/ Eutrophication Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	3.1 to 8.4	Sedimentation/Siltation
West Hickman Cr. into Hickman Cr.	Jessamine	3.1 to 8.4	Specific Conductance

KDOW completed monitoring in 2004. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment and specific conductance TMDLs when protocols are developed.

### 4.1.1.9 Lower Howard

Stream Name	County	River Miles	Pollutant
Lower Howard Cr. into KY River	Clark	2.65 to 6.2	Cause Unknown
Lower Howard Cr. into KY River	Clark	2.65 to 6.2	Nutrient/Eutrophication Biological Indicators
Lower Howard Cr. into KY River	Clark	2.65 to 6.2	Organic Enrichment (Sewage) Biological Indicators

KDOW completed monitoring in 2004. KDOW will pursue development of these nutrient and organic enrichment TMDLs when nutrient targets are available.

## TMDLs under Development Prior to 2012

### 4.1.1.10 McConnell Run

Stream Name	County	River Miles	Pollutant
McConnell Run into N. Fk. Elkhorn Cr.	Scott	0.0 to 4.4	Nutrient/ Eutrophication Biological Indicators
McConnell Run into N. Fk. Elkhorn Cr.	Scott	0.0 to 4.4	Sedimentation/Siltation

KDOW completed monitoring in 2004. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.1.1.11 Muddy Creek

Stream Name	County	River Miles	Pollutant
Muddy Creek into the Kentucky River	Madison	0.0 to 20.2	Fecal Coliform

KDOW completed monitoring in 2011.

### 4.1.1.12 North Elkhorn Creek

Stream Name	County	River Miles	Pollutant
David Fork into North Elkhorn Cr.	Fayette	0.0 to 1.65	<i>E. coli</i>
North Elkhorn Cr. into Elkhorn Creek	Fayette	66.0 to 73.75	Fecal Coliform
UT to North Elkhorn Creek into N. Elkhorn Cr.	Fayette	0.0 to 3.5	<i>E. coli</i>

KDOW collected bacteria data during the primary contact recreation (PCR) season of 2005. Due to the drought, additional monitoring occurred during the PCR season of 2006. KDOW is developing the TMDL and a draft is anticipated for submittal in 2012.

### 4.1.1.13 Potter Fork

Stream Name	County	River Miles	Pollutant
Potter Fork into Boone Cr.	Letcher	0.0 to 4.4	Organic Enrichment (Sewage) Biological Indicators
Potter Fork into Boone Cr.	Letcher	0.0 to 4.4	Nutrient/ Eutrophication Biological Indicators

KDOW completed monitoring in 2004. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

### 4.1.1.14 Salt River

Stream Name	County	River Miles	Pollutant
Salt River into Six Mile Creek	Henry	0.0 to 4.5	Sedimentation/Siltation

KDOW began sediment load and geomorphologic assessment on this stream during 2008. The University of Louisville Stream Institute collected additional monitoring data in 2010. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.1.1.15 South Elkhorn Creek/Town Branch/Wolf Run

Stream Name	County	River Miles	Pollutant
South Elkhorn Cr. into Elkhorn Cr.	Franklin	5.05 to 16.6	Fecal Coliform
South Elkhorn Cr. into Elkhorn Cr.	Woodford	16.6 to 34.5	Fecal Coliform
South Elkhorn Cr. into Elkhorn Cr.	Woodford	16.6 to 34.5	Nutrient/ Eutrophication Biological Indicators
South Elkhorn Cr. into Elkhorn Cr.	Woodford	34.5 to 52.7	Fecal Coliform
Steeles Run into South Elkhorn Cr.	Fayette	0.0 to 5.1	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Nutrient/ Eutrophication Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	9.2 to 10.8	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	9.2 to 10.8	Nutrient/ Eutrophication Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	10.8 to 12.1	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	10.8 to 12.1	Nutrient/ Eutrophication Biological Indicators
Wolf Run into Town Br.	Fayette	0.0 to 4.4	Fecal Coliform
Wolf Run into Town Br.	Fayette	0.0 to 4.4	Nutrient/ Eutrophication Biological Indicators

The KWRRRI is developing total phosphorus TMDLs for Town Branch and Wolf Run. KDOW will pursue revisions of these total phosphorus TMDLs when nutrient targets are available. The public notice for the bacteria TMDL document was completed in early February 2012.

### 4.1.1.16 Sugar Creek

Stream Name	County	River Miles	Pollutant
Sugar Creek into Kentucky River	Garrard	4.8 to 6.0	Total Dissolved Solids

KDOW completed monitoring in 2008. Kentucky experienced a moderate-severe drought in 2008; therefore, additional monitoring may be warranted. KDOW will pursue total dissolved solids TMDLs when a protocol is developed.

### 4.1.1.17 Swift Camp Creek

Stream Name	County	River Miles	Pollutant
Swift Camp Creek into Red River	Wolfe	0.0 to 13.95	Cause Unknown
UT to Swift Camp Cr. into Swift Camp Cr.	Wolfe	0.0 to 1.5	Sedimentation/Siltation

KDOW completed monitoring in 2004. If the unknown impairment is due to nutrients, KDOW will pursue development of a TMDL when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.1.1.18 Tate Creek

Stream Name	County	River Miles	Pollutant
Tate Cr. into Kentucky River	Madison	0.0 to 6.5	Nutrient/ Eutrophication Biological Indicators
Tate Cr. into Kentucky River	Madison	0.0 to 6.5	Organic Enrichment (Sewage) Biological Indicators

KDOW completed monitoring in 2004. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available.

### 4.1.1.19 White Oak Creek

Stream Name	County	River Miles	Pollutant
White Oak Creek into Dix R.	Garrard	0.0 to 2.8	Nutrient/ Eutrophication Biological Indicators
White Oak Creek into Dix R.	Garrard	0.0 to 2.8	Sedimentation/Siltation
White Oak Creek into Dix R.	Garrard	0.0 to 2.8	Total Dissolved Solids

KDOW completed monitoring in 2008. Kentucky experienced a moderate-severe drought in 2008; therefore, additional monitoring may be warranted. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## 4.2 Salt-Licking Basin Unit

### 4.2.1 Licking River Basin

#### 4.2.1.1 Banklick Creek

Stream Name	County	River Miles	Pollutant
Banklick Creek into Licking R.	Kenton	0.0 to 3.45	Fecal Coliform
Banklick Creek into Licking R.	Kenton	0.0 to 3.45	Nutrient/ Eutrophication Biological Indicators
Banklick Creek into Licking R.	Kenton	0.0 to 3.45	Organic Enrichment (Sewage) Biological Indicators
Banklick Creek into Licking R.	Kenton	0.0 to 3.45	Sedimentation/Siltation
Banklick Creek into Licking R.	Kenton	3.5 to 8.2	Fecal Coliform
Banklick Creek into Licking R.	Kenton	3.5 to 8.2	Nutrient/ Eutrophication Biological Indicators
Banklick Creek into Licking R.	Kenton	3.5 to 8.2	Organic Enrichment (Sewage) Biological Indicators
Banklick Creek into Licking R.	Kenton	3.5 to 8.2	Sedimentation/Siltation
Banklick Creek into Licking R.	Kenton	8.2 to 19.2	Fecal Coliform
Banklick Creek into Licking R.	Kenton	8.2 to 19.2	Nutrient/ Eutrophication Biological Indicators
Banklick Creek into Licking R.	Kenton	8.2 to 19.2	Organic Enrichment (Sewage) Biological Indicators

Sanitation District No. 1 of Northern Kentucky (SD1) has collected data for these stream segments. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

TMDLs under Development Prior to 2012

**4.2.1.2 Blacks Creek Watershed**

Stream Name	County	River Miles	Pollutant
Blacks Creek into Hinkston Creek	Bourbon	0.0 to 5.7	<i>E. coli</i>
Blacks Creek into Hinkston Creek	Bourbon	0.0 to 5.7	Nutrient/ Eutrophication Biological Indicators
Blacks Creek into Hinkston Creek	Bourbon	0.0 to 5.7	Sedimentation/Siltation
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 1.7	<i>E. coli</i>
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 1.7	Nutrient/ Eutrophication Biological Indicators
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 1.7	Sedimentation/Siltation
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 2.3	<i>E. coli</i>
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 2.3	Nutrient/ Eutrophication Biological Indicators
UT of Blacks Creek into Blacks Creek	Bourbon	0.0 to 2.3	Sedimentation/Siltation

KDOW completed monitoring in 2010. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

**4.2.1.3 Boone Creek Watershed**

Stream Name	County	River Miles	Pollutant
Boone Creek into Hinkston Creek	Bourbon	0.0 to 5.2	<i>E. coli</i>
Boone Creek into Hinkston Creek	Bourbon	0.0 to 5.2	Nutrient/ Eutrophication Biological Indicators
Boone Creek into Hinkston Creek	Bourbon	0.0 to 5.2	Sedimentation/Siltation
Boone Creek into Hinkston Creek	Bourbon	5.2 to 9.1	<i>E. coli</i>
Boone Creek into Hinkston Creek	Bourbon	5.2 to 9.1	Cause Unknown
Plum Lick Creek into Boone Creek	Bourbon	0.0 to 5.9	<i>E. coli</i>
Plum Lick Creek into Boone Creek	Bourbon	0.0 to 5.9	Cause Unknown

KDOW completed monitoring in 2010. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

**4.2.1.4 Elk Fork Watershed**

Stream Name	County	River Miles	Pollutant
Elk Fork into Licking River	Morgan	0.0 to 4.9	Sedimentation/Siltation
Elk Fork into Licking River	Morgan	4.9 to 10.5	Sedimentation/Siltation
Elk Fork into Licking River	Morgan	4.9 to 10.5	Turbidity
Elk Fork into Licking River	Morgan	12.6 to 14.7	Sedimentation/Siltation
Elk Fork into Licking River	Morgan	12.6 to 14.7	Turbidity
Straight Creek into Elk Fork	Morgan	0.0 to 1.8	Sedimentation/Siltation
Straight Creek into Elk Fork	Morgan	0.0 to 1.8	Turbidity

KDOW completed TSS monitoring in 2005. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.2.1.5 Fleming Creek Watershed

Stream Name	County	River Miles	Pollutant
Allison Cr. into Fleming Cr.	Fleming	0.0 to 4.95	Nutrient/ Eutrophication Biological Indicators
Allison Cr. into Fleming Cr.	Fleming	0.0 to 4.95	Organic Enrichment (Sewage) Biological Indicators
Craintown Br. into Fleming Cr.	Fleming	0.0 to 3.6	Phosphorus (Total)
Doty Br. into Fleming Cr.	Fleming	0.0 to 2.3	Nutrient/ Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Nutrient/ Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Phosphorus (Total)
Fleming Cr. into Licking River	Fleming	12.8 to 16.0	Nutrient/ Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	20.8 to 39.4	Nutrient/ Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	20.8 to 39.4	Organic Enrichment (Sewage) Biological Indicators
Fleming Cr. into Licking River	Fleming	20.8 to 39.4	Phosphorus (Total)
Logan Run into Fleming Cr.	Fleming	0.0 to 2.3	Nutrient/ Eutrophication Biological Indicators

A draft TMDL was developed by Tetra Tech and was submitted to KDOW. KDOW will pursue finalization of the TMDLs when nutrient targets are available.

### 4.2.1.6 Hinkston Creek Watershed

Stream Name	County	River Miles	Pollutant
Hinkston Cr. into S. Fk. Licking R.	Montgomery	51.5 to 65.9	Sedimentation/Siltation
Hinkston Cr. into S. Fk. Licking R.	Montgomery	51.5 to 65.9	Nutrient/Eutrophication Biological Indicators

KDOW completed monitoring in 2005. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.2.1.7 Stoner Creek

Stream Name	County	River Miles	Pollutant
Cooper Run into Stoner Creek	Bourbon	0.0 to 10.15	<i>E. coli</i>
Cooper Run into Stoner Creek	Bourbon	0.0 to 10.15	Nutrient/ Eutrophication Biological Indicators
Flat Run into Stoner Creek	Bourbon	0.0 to 2.2	<i>E. coli</i>
Flat Run into Stoner Creek	Bourbon	0.0 to 2.2	Nutrient/ Eutrophication Biological Indicators
Flat Run into Stoner Creek	Bourbon	0.0 to 2.2	Sedimentation/Siltation
Flat Run into Stoner Creek	Bourbon	2.2 to 9.05	<i>E. coli</i>
Flat Run into Stoner Creek	Bourbon	2.2 to 9.05	Nutrient/ Eutrophication Biological Indicators
Green Creek into Strodes Creek	Bourbon	0.0 to 8.15	Specific Conductance
Green Creek into Strodes Creek	Clark	8.45 to 9.7	Specific Conductance
Hancock Creek into Strodes Creek	Clark	4.3 to 7.6	Nutrient/Eutrophication Biological Indicators
Hancock Creek into Strodes Creek	Clark	4.3 to 7.6	pH
Hancock Creek into Strodes Creek	Clark	4.3 to 7.6	Specific Conductance
Hoods Creek into Strodes Creek	Clark	0.0 to 6.3	Fecal Coliform

TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Hoods Creek into Strodes Creek	Clark	0.0 to 6.3	Nutrient/Eutrophication Biological Indicators
Hoods Creek into Strodes Creek	Clark	0.0 to 6.3	Specific Conductance
Houston Creek into Stoner Creek	Bourbon	0.0 to 9.0	Fecal Coliform
Houston Creek into Stoner Creek	Bourbon	9.0 to 12.7	Nutrient/Eutrophication Biological Indicators
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Fecal Coliform
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Nutrient/Eutrophication Biological Indicators
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Specific Conductance
Kennedy Creek into Stoner Creek	Bourbon	0.0 to 5.7	<i>E. coli</i>
Little Stoner Creek into Stoner Creek	Clark	0.0 to 5.0	Fecal Coliform
Pretty Run into Strodes Creek	Clark	0.0 to 8.0	Cause Unknown
Stoner Creek into South Fork Licking R.	Bourbon	0.0 to 5.55	<i>E. coli</i>
Stoner Creek into South Fork Licking R.	Bourbon	5.55 to 15.0	<i>E. coli</i>
Stoner Creek into South Fork Licking R.	Bourbon	17.3 to 30.1	<i>E. coli</i>
Stoner Creek into South Fork Licking R.	Bourbon	35.7 to 45.1	<i>E. coli</i>
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Fecal Coliform; <i>E. coli</i>
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Nutrient/Eutrophication Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Organic Enrichment (Sewage) Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Sedimentation/Siltation
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Fecal Coliform; <i>E. coli</i>
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Nutrient/Eutrophication Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Organic Enrichment (Sewage) Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Sedimentation/Siltation
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Specific Conductance
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Fecal Coliform; <i>E. coli</i>
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Nutrient/Eutrophication Biological Indicators
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Organic Enrichment (Sewage) Biological Indicators
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.8	<i>E. coli</i>
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 1.0	<i>E. coli</i>
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.05	<i>E. coli</i>
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.05	Nutrient/Eutrophication Biological Indicators
UT of Flat Run into Flat Run	Bourbon	0.0 to 2.1	<i>E. coli</i>
UT of Flat Run into Flat Run	Bourbon	0.0 to 2.1	Nutrient/Eutrophication Biological Indicators
UT to Hancock Cr. into Hancock Cr.	Clark	0.0 to 3.72	Fecal Coliform
UT to Hancock Cr. into Hancock Cr.	Clark	0.0 to 3.72	Specific Conductance
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Cause Unknown
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Fecal Coliform; <i>E. coli</i>
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Nutrient/Eutrophication Biological Indicators

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Organic Enrichment (Sewage) Biological Indicators
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Specific Conductance
Woodruff Creek into Strodes Creek	Clark	0.0 to 3.7	Fecal Coliform
Woodruff Creek into Strodes Creek	Clark	0.0 to 3.7	Nutrient/Eutrophication Biological Indicators
Woodruff Creek into Strodes Creek	Clark	0.0 to 3.7	Specific Conductance

KDOW completed monitoring within several segments of the Stoner Creek watershed. The Strodes Creek sub watershed was monitored in 2005 and 2006. Little Stoner Creek sub watershed was monitored during the PCR season for 2005, though due to drought conditions, additional monitoring was performed during 2006. KDOW completed bacteria and nutrients monitoring for the Houston Creek sub watershed in 2006. KDOW completed bacteria and nutrients monitoring for Stoner Creek and its other major tributaries (Cooper Run, Flat Run and Kennedy Creek) in 2009 and supplementary monitoring was completed in 2010. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment and specific conductance TMDLs when protocols are developed. KDOW is developing the bacteria TMDLs and a draft is anticipated for public notice in 2013.

### 4.2.1.8 Threemile Creek

Stream Name	County	River Miles	Pollutant
Threemile Cr. into Licking River	Campbell	0.1 to 4.7	Fecal Coliform
Threemile Cr. into Licking River	Campbell	0.1 to 4.7	Nutrient/Eutrophication Biological Indicators
Threemile Cr. into Licking River	Campbell	0.1 to 4.7	Organic Enrichment (Sewage) Biological Indicators

KDOW completed monitoring in 2005. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

### 4.2.2 Ohio River Basin

#### 4.2.2.1 Gunpowder Creek Watershed

Stream Name	County	River Miles	Pollutant
Gunpowder Creek into Ohio River	Boone	15.4 to 17.1	Sedimentation/Siltation
Gunpowder Creek into Ohio River	Boone	15.4 to 17.1	Nutrient/ Eutrophication Biological Indicators
Gunpowder Creek into Ohio River	Boone	15.4 to 17.1	Organic Enrichment (Sewage) Biological Indicators
Gunpowder Creek into Ohio River	Boone	18.9 to 21.6	Cause Unknown
South Fork Gunpowder Creek into Gunpowder Creek	Boone	0.0 to 2.0	Nutrient/ Eutrophication Biological Indicators
South Fork Gunpowder Creek into Gunpowder Creek	Boone	0.0 to 2.0	Organic Enrichment (Sewage) Biological Indicators
South Fork Gunpowder Creek into Gunpowder Creek	Boone	0.0 to 2.0	Sedimentation/Siltation
South Fork Gunpowder Creek into Gunpowder Creek	Boone	0.0 to 2.0	Turbidity
South Fork Gunpowder Creek into Gunpowder Creek	Boone	4.1 to 6.8	Fecal Coliform

KDOW completed nutrient and bacteria monitoring in 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.2.2.2 Locust Creek

Stream Name	County	River Miles	Pollutant
Locust Creek into Ohio River	Bracken	0.0 to 4.1	Fecal Coliform

KDOW completed monitoring in 2006.

### 4.2.2.3 Snag Creek

Stream Name	County	River Miles	Pollutant
Snag Creek into Ohio River	Bracken	0.5 to 5.5	Fecal Coliform

KDOW completed monitoring in 2006.

### 4.2.2.4 Woolper Creek Watershed

Stream Name	County	River Miles	Pollutant
Woolper Cr. into Ohio River	Boone	11.9 to 14.0	Nutrient/ Eutrophication Biological Indicators
Woolper Cr. into Ohio River	Boone	11.9 to 14.0	Organic Enrichment (Sewage) Biological Indicators
Woolper Cr. into Ohio River	Boone	11.9 to 14.0	Total Suspended Solids
Allen Fork into Woolper Cr.	Boone	2.0 to 4.6	Nutrient/ Eutrophication Biological Indicators
Allen Fork into Woolper Cr.	Boone	2.0 to 4.6	Sedimentation/Siltation

KDOW completed monitoring in 2006. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## 4.2.3 Salt River Basin

### 4.2.3.1 Beargrass Creek Watershed

Stream Name	County	River Miles	Pollutant
Beargrass Creek into Ohio River	Jefferson	0.5 to 1.8	Organic Enrichment (Sewage) Biological Indicators
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	0.0 to 2.0	Organic Enrichment (Sewage) Biological Indicators
South Fork Beargrass Creek into Beargrass Cr.	Jefferson	0.0 to 2.7	Organic Enrichment (Sewage) Biological Indicators
South Fork Beargrass Creek into Beargrass Cr.	Jefferson	2.7 to 13.6	Organic Enrichment (Sewage) Biological Indicators

The Metropolitan Sewer District (MSD) along with the KWRRRI developed these TMDLs. Public notice has been completed and the document is being revised by EPA and KDOW.

### 4.2.3.2 Clear Creek Watershed

Stream Name	County	River Miles	Pollutant
Clear Creek into Bullskin Creek	Shelby	0.0 to 11.0	Nutrient/ Eutrophication Biological Indicators
Clear Creek into Bullskin Creek	Shelby	0.0 to 11.0	Organic Enrichment (Sewage) Biological Indicators
Clear Creek into Bullskin Creek	Shelby	0.0 to 11.0	Sedimentation/Siltation

KDOW completed monitoring in 2008. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.2.3.3 Cox Creek

Stream Name	County	River Miles	Pollutant
Caney Fork into Cox Creek	Nelson	0.0 to 4.0	<i>E. coli</i>
Caney Fork into Cox Creek	Nelson	0.0 to 4.0	Nutrient/ Eutrophication Biological Indicators
Cox Creek into Salt River	Bullitt	0.0 to 4.7	Fecal Coliform; <i>E. coli</i>
Cox Creek into Salt River	Nelson	4.7 to 11.4	<i>E. coli</i>
Cox Creek into Salt River	Nelson	11.4 to 18.6	<i>E. coli</i>
Cox Creek into Salt River	Nelson	11.4 to 18.6	Nutrient/ Eutrophication Biological Indicators
Cox Creek into Salt River	Nelson	18.6 to 23.9	<i>E. coli</i>
Cox Creek into Salt River	Nelson	18.6 to 23.9	Nutrient/ Eutrophication Biological Indicators
East Fork Cox Creek into Cox Creek	Bullitt	0.0 to 4.3	<i>E. coli</i>
Froman Creek into Cox Creek	Nelson	0.0 to 1.25	<i>E. coli</i>
West Fork Cox Creek into Cox Creek	Bullitt	0.0 to 6.9	<i>E. coli</i>

KDOW completed monitoring in 2009. KDOW will pursue development of the nutrient TMDLs when nutrient targets are available. A bacteria TMDL document is anticipated for submittal in 2013.

### 4.2.3.4 Floyds Fork Watershed

Stream Name	County	River Miles	Pollutant
Ashers Run into Currys Fork	Oldham	0.0 to 4.8	Fecal Coliform, <i>E. coli</i>
Brooks Run into Floyds Fork	Bullitt	0.0 to 2.7	Nutrient/ Eutrophication Biological Indicators
Brooks Run into Floyds Fork	Bullitt	0.0 to 2.7	Organic Enrichment (Sewage) Biological Indicators
Brooks Run into Floyds Fork	Bullitt	2.7 to 4.4	Nutrient/ Eutrophication Biological Indicators
Brooks Run into Floyds Fork	Bullitt	2.7 to 4.4	Organic Enrichment (Sewage) Biological Indicators
Brooks Run into Floyds Fork	Bullitt	4.4 to 6.4	Nutrient/ Eutrophication Biological Indicators
Brooks Run into Floyds Fork	Bullitt	4.4 to 6.4	Organic Enrichment (Sewage) Biological Indicators
Cane Run into Floyds Fork	Jefferson	0.0 to 7.3	<i>E. coli</i>
Cedar Creek into Floyds Fork	Jefferson	4.3 to 11.1	Fecal Coliform, <i>E. coli</i>
Chenoweth Run into Floyds Fork	Jefferson	0.0 to 5.25	Fecal Coliform, <i>E. coli</i>
Chenoweth Run into Floyds Fork	Jefferson	5.25 to 9.2	Fecal Coliform; <i>E. coli</i>
Currys Fork into Floyds Fork	Oldham	0.0 to 4.8	<i>E. coli</i>
Floyds Fork into Salt River	Bullitt	0.0 to 11.7	<i>E. coli</i>
Floyds Fork into Salt River	Jefferson	11.7 to 24.2	<i>E. coli</i>

TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Floyds Fork into Salt River	Jefferson	11.7 to 24.2	Nutrient/ Eutrophication Biological Indicators
Floyds Fork into Salt River	Jefferson	24.2 to 34.1	<i>E. coli</i>
Floyds Fork into Salt River	Jefferson	24.2 to 34.1	Sedimentation/Siltation
Floyds Fork into Salt River	Shelby	34.1 to 61.9	Sedimentation/Siltation
Floyds Fork into Salt River	Shelby	34.1 to 61.9	Fecal Coliform, <i>E. coli</i>
Floyds Fork into Salt River	Shelby	34.1 to 61.9	Nutrient/ Eutrophication Biological Indicators
Long Run into Floyds Fork	Jefferson	0.0 to 9.9	<i>E. coli</i>
North Fork Currys Fork into Currys Fork	Oldham	0.0 to 6.0	<i>E. coli</i>
Pennsylvania Run into Floyds Fork	Jefferson	0.0 to 3.3	Sedimentation/Siltation
Pennsylvania Run into Floyds Fork	Jefferson	0.0 to 3.3	Fecal Coliform, <i>E. coli</i>
Pope Lick Creek into Floyds Fork	Jefferson	0.0 to 2.1	<i>E. coli</i>
Pope Lick Creek into Floyds Fork	Jefferson	2.1 to 5.5	<i>E. coli</i>
South Fork Currys Fork into Currys Fork	Oldham	0.0 to 6.1	<i>E. coli</i>
South Long Run into Long Run	Jefferson	0.0 to 3.35	<i>E. coli</i>
UT to Brooks Run into Brooks Run	Bullitt	0.0 to 2.0	Nutrient/ Eutrophication Biological Indicators
UT to Brooks Run into Brooks Run	Bullitt	0.0 to 2.0	Organic Enrichment (Sewage) Biological Indicators
UT of South Fork Currys Fork into South Fork Currys Fork	Oldham	0.0 to 1.8	<i>E. coli</i>

The Louisville USGS was funded by EPA Region 4 to monitor these segments. Data collection began during 2007 and was completed during 2008. A preliminary draft bacteria TMDL document is under development by KDOW. A public meeting will be held in 2012 and the document will go to public notice in 2012. In addition, EPA funded the USGS to collect nutrient and organic enrichment data to assist DOW in evaluating the current condition of the watershed. EPA contracted with Tetra Tech to develop a nutrient and organic enrichment model and the draft TMDL document for the watershed in late 2010. Three public meetings have taken place to share the status of the project. The model and the draft nutrient TMDL document is anticipated for submittal to KDOW in 2012. KDOW will pursue sediment TMDLs when a protocol is developed.

TMDLs under Development Prior to 2012

**4.2.3.5 Goose Creek Watershed**

Stream Name	County	River Miles	Pollutant
Goose Creek into Ohio River	Jefferson	0.3 to 3.6	Fecal Coliform
Goose Creek into Ohio River	Jefferson	0.3 to 3.6	Nutrient/ Eutrophication Biological Indicators
Goose Creek into Ohio River	Jefferson	0.3 to 3.6	Organic Enrichment (Sewage) Biological Indicators
Goose Creek into Ohio River	Jefferson	3.6 to 13.0	Fecal Coliform
Goose Creek into Ohio River	Jefferson	3.6 to 13.0	Nutrient/ Eutrophication Biological Indicators
Goose Creek into Ohio River	Jefferson	3.6 to 13.0	Organic Enrichment (Sewage) Biological Indicators
Little Goose Creek into Ohio River	Jefferson	0.0 to 9.2	Fecal Coliform

KDOW completed monitoring in 2008. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

**4.2.3.6 Hardins Creek**

Stream Name	County	River Miles	Pollutant
Hardins Cr. into Sinking Cr.	Breckinridge	0.0 to 11.4	Nutrient/ Eutrophication Biological Indicators
Hardins Cr. into Sinking Cr.	Breckinridge	0.0 to 11.4	Organic Enrichment (Sewage) Biological Indicators
Hardins Cr. into Sinking Cr.	Breckinridge	0.0 to 11.4	Sedimentation/Siltation

KDOW completed monitoring in 2005. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

**4.2.3.7 Northern and Southern Ditch Watershed**

Stream Name	County	River Miles	Pollutant
Blue Spring Ditch into Northern Ditch	Jefferson	0.0 to 2.1	Fecal Coliform
Fern Cr. into Northern Ditch	Jefferson	0.0 to 1.3	Ammonia (unionized)
Fern Cr. into Northern Ditch	Jefferson	0.0 to 1.3	Fecal Coliform
Fern Cr. into Northern Ditch	Jefferson	0.0 to 1.3	Nutrient/ Eutrophication Biological Indicators
Fern Cr. into Northern Ditch	Jefferson	0.0 to 1.3	Organic Enrichment (Sewage) Biological Indicators
Fern Cr. into Northern Ditch	Jefferson	1.3 to 4.4	Fecal Coliform
Fern Cr. into Northern Ditch	Jefferson	1.3 to 4.4	Nutrient/ Eutrophication Biological Indicators
Fern Cr. into Northern Ditch	Jefferson	1.3 to 4.4	Organic Enrichment (Sewage) Biological Indicators
Fern Cr. into Northern Ditch	Jefferson	4.4 to 5.9	Fecal Coliform
Fern Cr. into Northern Ditch	Jefferson	4.4 to 5.9	Nutrient/ Eutrophication Biological Indicators
Fern Cr. into Northern Ditch	Jefferson	4.4 to 5.9	Organic Enrichment (Sewage) Biological Indicators
Northern Ditch into Southern Ditch	Jefferson	0.0 to 7.3	Ammonia (unionized)

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Northern Ditch into Southern Ditch	Jefferson	0.0 to 7.3	Fecal Coliform
Northern Ditch into Southern Ditch	Jefferson	0.0 to 7.3	Nutrient/ Eutrophication Biological Indicators
Northern Ditch into Southern Ditch	Jefferson	0.0 to 7.3	Organic Enrichment (Sewage) Biological Indicators
Southern Ditch into Pond Creek	Jefferson	0.0 to 5.9	Fecal Coliform
Wetwoods Creek (Slop Ditch) into Southern Ditch	Jefferson	0.0 to 3.7	Fecal Coliform
Wetwoods Creek (Slop Ditch) into Southern Ditch	Jefferson	0.0 to 3.7	Cadmium

KDOW completed monitoring in 2011. KDOW completed cadmium monitoring in 2010. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

### 4.2.3.8 Pond Creek Watershed

Stream Name	County	River Miles	Pollutant
Pond Creek into Ohio River	Oldham	0.0 to 1.5	Chlorine
Pond Creek into Ohio River	Oldham	0.0 to 1.5	Organic Enrichment (Sewage) Biological Indicators
Pond Creek into Ohio River	Oldham	0.0 to 1.5	Nutrient/ Eutrophication Biological Indicators
UT to Pond Creek into Pond Creek	Oldham	0.0 to 0.5	Chlorine
UT to Pond Creek into Pond Creek	Oldham	0.0 to 0.5	Organic Enrichment (Sewage) Biological Indicators
UT to Pond Creek into Pond Creek	Oldham	0.0 to 0.5	Nutrient/ Eutrophication Biological Indicators

KDOW completed monitoring in 2008. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

## 4.3 Tennessee-Mississippi-Cumberland Basin Unit

### 4.3.1 Lower Cumberland River Basin

#### 4.3.1.1 Elk Fork

Stream Name	County	River Miles	Pollutant
Elk Fork into Red River	Todd	22.3 to 31.1	<i>E. coli</i>
Elk Fork into Red River	Todd	22.3 to 31.1	Organic Enrichment (Sewage) Biological Indicators
Elk Fork into Red River	Todd	22.3 to 31.1	Nutrient/ Eutrophication Biological Indicators
Elk Fork into Red River	Todd	22.3 to 31.1	Cause Unknown
Elk Fork into Red River	Todd	31.1 to 33.1	<i>E. coli</i>
UT of Elk Fork Creek	Todd	0.0 to 4.8	<i>E. coli</i>

KDOW completed monitoring in 2008. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

## TMDLs under Development Prior to 2012

### 4.3.1.2 Little River Watershed

Stream Name	County	River Miles	Pollutant
Little River into Cumberland River	Trigg	14.8 to 20.7	Nutrient/ Eutrophication Biological Indicators
Little River into Cumberland River	Trigg	14.8 to 20.7	Sedimentation/Siltation
Little River into Cumberland River	Trigg	20.7 to 30.1	Nitrate/Nitrite (Nitrite + Nitrate as N)
Little River into Cumberland River	Trigg	20.7 to 30.1	Phosphorus (Total)
Little River into Cumberland River	Trigg	20.7 to 30.1	Sedimentation/Siltation
Little River into Cumberland River	Trigg	30.1 to 31.4	Nutrient/ Eutrophication Biological Indicators
Little River into Cumberland River	Trigg	30.1 to 31.4	Sedimentation/Siltation
Little River into Cumberland River	Trigg	31.4 to 45.5	Nutrient/ Eutrophication Biological Indicators
Little River into Cumberland River	Trigg	31.4 to 45.5	Organic Enrichment (Sewage) Biological Indicators
Little River into Cumberland River	Trigg	31.4 to 45.5	Sedimentation/Siltation
Little River into Cumberland River	Christian	45.5 to 57.7	Nutrient/ Eutrophication Biological Indicators
Little River into Cumberland River	Christian	45.5 to 57.7	Organic Enrichment (Sewage) Biological Indicators
Little River into Cumberland River	Christian	45.5 to 57.7	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	0.0 to 0.3	Nutrient/ Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	0.0 to 0.3	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	0.0 to 0.3	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	0.3 to 7.0	Nutrient/ Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	0.3 to 7.0	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	0.3 to 7.0	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	7.0 to 10.9	Nutrient/ Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	7.0 to 10.9	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	7.0 to 10.9	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	10.9 to 16.2	Nutrient/ Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	10.9 to 16.2	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	10.9 to 16.2	Sedimentation/Siltation
Sinking Fork Little River	Trigg	2.2 to 5.55	Sedimentation/Siltation
Skinner Creek into Casey Creek	Trigg	0.0 to 5.8	Cause Unknown
S. Fork Little River into Little River	Christian	0.0 to 10.3	Nutrient/ Eutrophication Biological Indicators
S. Fork Little River into Little River	Christian	0.0 to 10.3	Other
S. Fork Little River into Little River	Christian	0.0 to 10.3	Sedimentation/Siltation
S. Fork Little River into Little River	Christian	10.3 to 20.3	Sedimentation/Siltation
S. Fork Little River into Little River	Christian	10.3 to 20.3	Nutrient/ Eutrophication Biological Indicators
S. Fork Little River into Little River	Christian	10.3 to 20.3	Other

KDOW received 319(h) funding for sample collection and TMDL development in the Little River Watershed above Lake Barkley and the data collection was completed in 2002. Additional biological data were collected by KDOW in 2009. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.3.1.3 Pleasant Grove Creek Watershed

Stream Name	County	River Miles	Pollutant
Pleasant Grove Creek into Red River	Logan	0.0 to 2.2	Fecal Coliform
Pleasant Grove Creek into Red River	Logan	0.0 to 2.2	Nutrient/ Eutrophication Biological Indicators
Pleasant Grove Creek into Red River	Logan	0.0 to 2.2	Organic Enrichment (Sewage) Biological Indicators

KDOW completed monitoring in 2007. Additional data was collected as part of a separate study in 2010. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

### 4.3.2 Mississippi River Basin

No TMDLs currently under development.

### 4.3.3 Ohio River Basin

#### 4.3.3.1 Bayou Creek Watershed

Stream Name	County	River Miles	Pollutant
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Beta particles and photon emitters
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Copper
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Lead
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Mercury
Little Bayou Cr. into Bayou Cr.	McCracken	0.0 to 7.2	Beta particles and photon emitters
Little Bayou Cr. into Bayou Cr.	McCracken	0.0 to 7.2	Copper
Little Bayou Cr. into Bayou Cr.	McCracken	0.0 to 7.2	Lead

The KWRRI has been contracted by the Paducah Gaseous Diffusion Plant to collect data for TMDL development. Additional metals data have been collected and submitted to KDOW in 2010. Initial data for the Beta particles listing indicate that the streams are now meeting water quality standards for this pollutant. KDOW is currently gathering additional data; if no contrary data are produced, a delisting will be pursued for beta particles. A metals TMDL is anticipated for submittal at public notice in 2012.

### 4.3.4 Tennessee River Basin

#### 4.3.4.1 Clarks River Watershed

Stream Name	County	River Miles	Pollutant
Bee Creek into Clarks River	Calloway	0.0 to 0.7	Nutrient/ Eutrophication Biological Indicators
Bee Creek into Clarks River	Calloway	0.0 to 0.7	Organic Enrichment (Sewage) Biological Indicators
Bee Creek into Clarks River	Calloway	0.0 to 0.7	Sedimentation/Siltations
Clarks River into Tennessee River	Calloway	64.7 to 66.8	Nutrient/ Eutrophication Biological Indicators
Clayton Creek into Clarks River	Calloway	3.3 to 7.7	Nutrient/ Eutrophication Biological Indicators
Farley Branch	Calloway	0.0 to 2.2	Nutrient/ Eutrophication Biological Indicators
Middle Fork Clarks River	Calloway	2.7 to 4.8	Nutrient/ Eutrophication Biological Indicators
Spring Creek into W. Fk. Clarks R.	Graves	0.0 to 2.0	Nutrient/ Eutrophication Biological Indicators

KDOW contracted Murray State University to conduct monitoring for these segments. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

## TMDLs under Development Prior to 2012

### 4.3.5 Upper Cumberland River Basin

#### 4.3.5.1 Laurel River Watershed

Stream Name	County	River Miles	Pollutant
Laurel River into Cumberland River	Laurel	26.35 to 33.95	<i>E. coli</i>
Laurel River into Cumberland River	Laurel	33.95 to 44.7	Sedimentation/Siltation
Laurel River into Cumberland River	Laurel	33.95 to 44.7	Nutrient/ Eutrophication Biological Indicators
Lick Creek into Laurel River	Laurel	0.0 to 3.65	<i>E. coli</i>
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	<i>E. coli</i>
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	Organic Enrichment (Sewage) Biological Indicators
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	Nutrient/ Eutrophication Biological Indicators
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	Sedimentation/Siltation
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	<i>E. coli</i>
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	Organic Enrichment (Sewage) Biological Indicators
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	Nutrient/ Eutrophication Biological Indicators
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	Sedimentation/Siltation
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	Total Phosphorus
Little Laurel River into Laurel River	Laurel	12.7 to 14.8	Nutrient/ Eutrophication Biological Indicators
Little Laurel River into Laurel River	Laurel	12.7 to 14.8	Organic Enrichment (Sewage) Biological Indicators
Little Laurel River into Laurel River	Laurel	14.8 to 23.0	<i>E. coli</i>
Sallys Branch into Little Laurel River	Laurel	0.0 to 2.9	<i>E. coli</i>
Sampson Branch into Little Laurel River	Laurel	0.0 to 4.7	<i>E. coli</i>
UT of Little Laurel River into Little Laurel R.	Laurel	0.0 to 1.4	<i>E. coli</i>
UT of Little Laurel River into Little Laurel R.	Laurel	0.0 to 1.4	Sedimentation/Siltation

KDOW completed monitoring in 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed. A proposed draft bacteria document is anticipated for submittal for public notice in 2013.

#### 4.3.5.2 Rockcastle River Watershed

Stream Name	County	River Miles	Pollutant
Raccoon Creek into S. Fork Rockcastle R.	Laurel	0.0 to 2.7	Nutrient/ Eutrophication Biological Indicators
Renfro Creek into Roundstone Creek	Rockcastle	0.0 to 3.1	Nutrient/ Eutrophication Biological Indicators
Renfro Creek into Roundstone Creek	Rockcastle	0.0 to 3.1	Organic Enrichment (Sewage) Biological Indicators
Renfro Creek into Roundstone Creek	Rockcastle	0.0 to 3.1	Sedimentation/Siltation
Roundstone Creek into Rockcastle River	Rockcastle	17.1 to 23.9	Nutrient/ Eutrophication Biological Indicators
Roundstone Creek into Rockcastle River	Rockcastle	17.1 to 23.9	Oxygen, Dissolved

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Roundstone Creek into Rockcastle River	Rockcastle	17.1 to 23.9	Sedimentation/Siltation
Skegg Creek into Rockcastle River	Rockcastle	0.0 to 3.3	Nutrient/ Eutrophication Biological Indicators
Skegg Creek into Rockcastle River	Rockcastle	0.0 to 3.3	Sedimentation/Siltation
S. Fork of Rockcastle R. into Rockcastle R.	Laurel	21.2 to 29.1	Nutrient/ Eutrophication Biological Indicators
S. Fork of Rockcastle R. into Rockcastle R.	Laurel	21.2 to 29.1	Sedimentation/Siltation

KDOW completed monitoring in 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.3.5.3 Sinking Creek Watershed

Stream Name	County	River Miles	Pollutant
Mitchell Creek into Sinking Creek	Laurel	0.0 to 3.8	Cause Unknown
Powder Mill Creek into Sinking Creek	Laurel	0.0 to 4.9	Cause Unknown
Sinking Creek into Rockcastle River	Laurel	13.35 to 17.65	Cause Unknown
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Sedimentation/Siltation
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Total Suspended Solids
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Turbidity

KDOW completed monitoring in 2007. KDOW will pursue sediment TMDLs when a protocol is developed.

## 4.4 Green-Tradewater Basin Unit

### 4.4.1 Green River Basin

#### 4.4.1.1 Bacon Creek

Stream Name	County	River Miles	Pollutant
Bacon Creek into Nolin River	Hart	17.2 to 27.1	Sedimentation/Siltation

Monitoring was completed in 2007, but additional monitoring is necessary for TMDL development. KDOW will pursue sediment TMDLs when a protocol is developed.

#### 4.4.1.2 Buck Creek

Stream Name	County	River Miles	Pollutant
Buck Creek into Green River	McLean	0.0 to 8.0	Fecal Coliform
Buck Creek into Green River	McLean	0.0 to 8.0	Nutrient/ Eutrophication Biological Indicators
Buck Creek into Green River	McLean	0.0 to 8.0	Sedimentation/Siltation

KDOW completed monitoring in 2008 during a drought year. Additional monitoring is necessary for TMDL development. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.4.1.3 Craborchard Creek

Stream Name	County	River Miles	Pollutant
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 3.4	Sedimentation/Siltation
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 3.4	Total Dissolved Solids
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 3.4	Cause Unknown

KDOW completed monitoring in 2008. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.4.1.4 Cypress Creek Watershed

Stream Name	County	River Miles	Pollutant
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.6	Specific Conductance
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.6	Total Dissolved Solids
Little Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 8.7	Sedimentation/Siltation
Little Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 8.7	Specific Conductance
Little Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 8.7	Total Dissolved Solids
Little Cypress Creek into Cypress Creek	Muhlenberg	8.7 to 10.1	Sedimentation/Siltation
Little Cypress Creek into Cypress Creek	Muhlenberg	8.7 to 10.1	Specific Conductance
Little Cypress Creek into Cypress Creek	Muhlenberg	8.7 to 10.1	Total Dissolved Solids
UT to Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 8.1	Sedimentation/Siltation
UT of Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 3.4	Specific Conductance
UT to Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 1.45	Sedimentation/Siltation
UT to Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 1.45	Specific Conductance
UT to Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 1.1	Specific Conductance
UT to Little Cypress Creek into Little Cypress Creek	Muhlenberg	0.0 to 1.75	Specific Conductance
UT to Little Cypress Creek into Little Cypress Creek	Muhlenberg	0.0 to 3.25	Specific Conductance
UT to UT to Little Cypress Creek Into Little Cypress Creek	Muhlenberg	0.0 to 2.6	Specific Conductance

KDOW completed monitoring in 2009 for total suspended solids, total dissolved solids and specific conductance. KDOW will pursue sediment, specific conductance and total dissolved solids TMDLs when protocols are developed.

### 4.4.1.5 Deer Creek Watershed

Stream Name	County	River Miles	Pollutant
Deer Creek into Green River	Webster	0.0 to 8.4	Iron
Deer Creek into Green River	Webster	0.0 to 8.4	Nutrient/ Eutrophication Biological Indicators
East Fork of Deer Creek into Deer Cr.	Webster	0.0 to 6.8	Sedimentation/Siltation
Havana Creek into Deer Creek	Webster	0.0 to 1.9	Sedimentation/Siltation
Knoblick Creek into Deer Creek	Webster	0.0 to 9.1	Nutrient/ Eutrophication Biological Indicators
Knoblick Creek into Deer Creek	Webster	0.0 to 9.1	Sedimentation/Siltation
Knoblick Creek into Deer Creek	Webster	0.0 to 9.1	Total Dissolved Solids

KDOW completed monitoring in 2007. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## TMDLs under Development Prior to 2012

### 4.4.1.6 Flat Creek

Stream Name	County	River Miles	Pollutant
Flat Cr into Pond River	Hopkins	0.0 to 10.9	pH

The KWRRI has submitted a draft pH TMDL document to KDOW. The TMDL is being revised prior to submittal for public notice in 2012.

### 4.4.1.7 Long Falls Creek Watershed

Stream Name	County	River Miles	Pollutant
Brush Fork into Long Falls Creek	McLean	0.0 to 4.4	pH
Brush Fork into Long Falls Creek	McLean	0.0 to 4.4	Sedimentation/Siltation
Long Falls Cr. into Green River	McLean	0.0 to 7.6	Fecal Coliform
Long Falls Cr. into Green River	McLean	0.0 to 7.6	Sedimentation/Siltation
Long Falls Cr. into Green River	McLean	0.0 to 7.6	Total Dissolved Solids
Long Falls Cr. into Green River	McLean	7.6 to 11.8	Fecal Coliform
Long Falls Cr. into Green River	McLean	7.6 to 11.8	pH
Long Falls Cr. into Green River	McLean	7.6 to 11.8	Sedimentation/Siltation
Long Falls Cr. into Green River	McLean	7.6 to 11.8	Total Dissolved Solids

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft bacteria and pH TMDLs were submitted in 2011. The TMDLs are being revised prior to submittal for public notice in 2012. KDOW will pursue sediment TMDLs when a protocol is developed.

### 4.4.1.8 Panther Creek Watershed

Stream Name	County	River Miles	Pollutant
Burnett Fk. into N Fk. into Panther Cr.	Daviess	0.0 to 1.3	Nitrogen (Total)
Burnett Fk. into N Fk. into Panther Cr.	Daviess	0.0 to 1.3	Phosphorus (Total)
Cane Run into S. Fk. into Panther Cr.	Daviess	0.0 to 3.7	Nutrient/ Eutrophication Biological Indicators
Cane Run into S. Fk. into Panther Cr.	Daviess	0.0 to 3.7	Phosphorus (Total)
Crooked Creek into Panther Creek	Daviess	0.0 to 3.0	Fecal Coliform
Deserter Cr. into S. Fk. Panther Cr.	Daviess	0.0 to 3.1	Fecal Coliform
Ford Ditch into Rhodes Creek	Daviess	0.0 to 3.3	Phosphorus (Total)
Ford Ditch into Rhodes Creek	Daviess	0.0 to 3.3	Total Dissolved Solids
Knoblick Cr. into Panther Cr.	Daviess	0.0 to 2.1	Fecal Coliform
N. Fk. Panther Cr. into Panther Cr.	Daviess	4.2 to 9.1	Fecal Coliform
N. Fk. Panther Cr. into Panther Cr.	Daviess	9.7 to 12.7	Phosphorus (Total)
Panther Creek into Green River	Daviess	0.1 to 3.0	Fecal Coliform
Panther Creek into Green River	Daviess	3.0 to 5.9	Fecal Coliform
Panther Creek into Green River	Daviess	17.9 to 20.4	Phosphorus (Total)
Rhodes Creek into Panther Cr.	Daviess	0.0 to 2.2	Phosphorus (Total)

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Rhodes Creek into Panther Cr.	Daviess	2.2 to 7.5	Nutrient/ Eutrophication Biological Indicators
Rhodes Creek into Panther Cr.	Daviess	2.2 to 7.5	Phosphorus (Total)
S. Fk. Panther Cr. into Panther Cr.	Daviess	0.0 to 2.4	Copper
S. Fk. Panther Cr. into Panther Cr.	Daviess	0.0 to 2.4	Fecal Coliform
S. Fk. Panther Cr. into Panther Cr.	Daviess	0.0 to 2.4	Nutrient/ Eutrophication Biological Indicators
S. Fk. Panther Cr. into Panther Cr.	Daviess	0.0 to 2.4	Phosphorus (Total)
S. Fk. Panther Cr. into Panther Cr.	Daviess	9.55 to 14.0	Fecal Coliform
S. Fk. Panther Cr. into Panther Cr.	Daviess	9.55 to 14.0	Phosphorus (Total)
S. Fk. Panther Cr. into Panther Cr.	Daviess	14.0 to 18.3	Fecal Coliform
Sweepstakes Br. into S. Fk. Panther Cr.	Daviess	1.0 to 4.0	Nutrient/ Eutrophication Biological Indicators
Wolf Br. Ditch into Rhodes Cr.	Daviess	0.0 to 4.1	Nutrient/ Eutrophication Biological Indicators
Wolf Br. Ditch into Rhodes Cr.	Daviess	0.0 to 4.1	Phosphorus (Total)

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft bacteria and copper TMDLs were submitted in 2011. The TMDLs are being revised prior to submittal for public notice in 2012. KDOW will pursue development of the nutrient TMDLs when nutrient targets are available.

### 4.4.1.9 Pond Creek Watershed

Stream Name	County	River Miles	Pollutant
Bat East Creek into Pond Creek	Muhlenberg	0.0 to 3.3	Sedimentation/ Siltation
Bat East Creek into Pond Creek	Muhlenberg	0.0 to 3.3	Total Dissolved Solids
Bat East Creek into Pond Creek	Muhlenberg	3.4 to 7.5	Cause Unknown
Bat East Creek into Pond Creek	Muhlenberg	3.4 to 7.5	Total Dissolved Solids
Caney Creek into Pond Creek	Muhlenberg	0.0 to 3.6	Sedimentation/ Siltation
Caney Creek into Pond Creek	Muhlenberg	0.0 to 3.6	Total Dissolved Solids
Caney Creek into Pond Creek	Muhlenberg	3.6 to 7.6	Sedimentation/ Siltation
Plum Creek into Pond Creek	Muhlenberg	0.0 to 1.7	Chloride
Plum Creek into Pond Creek	Muhlenberg	0.0 to 1.7	Total Dissolved Solids
Plum Creek into Pond Creek	Muhlenberg	1.7 to 3.9	Fecal Coliform
Plum Creek into Pond Creek	Muhlenberg	1.7 to 3.9	Sedimentation/Siltation
Pond Creek into Green River	Muhlenberg	4.8 to 7.6	Chloride
Pond Creek into Green River	Muhlenberg	4.8 to 7.6	Sedimentation/ Siltation
Pond Creek into Green River	Muhlenberg	4.8 to 7.6	Total Dissolved Solids
Pond Creek into Green River	Muhlenberg	7.6 to 11.7	Chloride
Pond Creek into Green River	Muhlenberg	7.6 to 11.7	Sedimentation/ Siltation
Pond Creek into Green River	Muhlenberg	7.6 to 11.7	Total Dissolved Solids
Pond Creek into Green River	Muhlenberg	11.7 to 14.4	Sedimentation/ Siltation
Pond Creek into Green River	Muhlenberg	11.7 to 14.4	Total Dissolved Solids
Pond Creek into Green River	Muhlenberg	14.4 to 18.1	Cause Unknown

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Pond Creek into Green River	Muhlenberg	18.1 to 22.1	Nutrient/ Eutrophication Biological Indicators
Pond Creek into Green River	Muhlenberg	18.1 to 22.1	Sedimentation/ Siltation
Pond Creek into Green River	Muhlenberg	18.1 to 22.1	Specific Conductance
Sand Lick Creek into Pond Creek	Muhlenberg	0.0 to 4.0	Cause Unknown
UT to Pond Creek into Pond Creek	Muhlenberg	0.0 to 2.4	Cause Unknown

KDOW completed monitoring in 2011. KDOW will pursue sediment and specific conductance TMDLs when protocols are developed.

### 4.4.1.10 Sputzman Creek

Stream Name	County	River Miles	Pollutant
Sputzman Creek into Green River	Henderson	1.3 to 4.4	Nutrient/ Eutrophication Biological Indicators

KDOW completed monitoring in 2009. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

### 4.4.1.11 Valley Creek Watershed

Stream Name	County	River Miles	Pollutant
Billy Creek into Valley Creek	Hardin	0.0 to 4.8	Sedimentation/Siltation
Billy Creek into Valley Creek	Hardin	0.0 to 4.8	Nutrient/ Eutrophication Biological Indicators
Valley Creek into Nolin River	Hardin	8.4 to 10.8	Sedimentation/Siltation
Valley Creek into Nolin River	Hardin	8.4 to 10.8	Nutrient/ Eutrophication Biological Indicators

KDOW completed monitoring in 2007. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment TMDLs when a protocol is developed.

## 4.4.2 Tradewater River Basin

### 4.4.2.1 Caney Creek Watershed

Stream Name	County	River Miles	Pollutant
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	pH
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	Specific Conductance
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	Total Dissolved Solids
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	pH
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Total Dissolved Solids
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Specific Conductance
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Specific Conductance
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Total Dissolved Solids
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	pH
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Iron
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Cadmium
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Zinc
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Nickel
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	pH

TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	Iron
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	Cadmium
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	Zinc
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	Specific Conductance
UT to Copperas Creek into Copperas Cr.	Hopkins	0.0 to 0.9	Total Dissolved Solids

KDOW completed monitoring in 2007. Draft metals and pH TMDLs are anticipated to be submitted in 2013. KDOW will pursue specific conductance and total dissolved solids TMDLs when protocols are developed.

**4.4.2.2 Clear Creek Watershed**

Stream Name	County	River Miles	Pollutant
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Cause Unknown
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Nutrient/ Eutrophication Biological Indicators
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Organic Enrichment (Sewage) Biological Indicators
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Oxygen, Dissolved
Clear Creek into Tradewater River	Hopkins	19.4 to 26.2	Nutrient/ Eutrophication Biological Indicators
Clear Creek into Tradewater River	Hopkins	19.4 to 26.2	Organic Enrichment (Sewage) Biological Indicators
Clear Creek into Tradewater River	Hopkins	19.4 to 26.2	Sedimentation/Siltation
Clear Creek into Tradewater River	Hopkins	26.2 to 26.5	Fecal Coliform
Lambs Creek into Clear Creek	Hopkins	0.0 to 3.3	Nutrient/ Eutrophication Biological Indicators
Lambs Creek into Clear Creek	Hopkins	0.0 to 3.3	Sedimentation/Siltation
Lambs Creek into Clear Creek	Hopkins	0.0 to 3.3	Total Dissolved Solids
Lick Creek into Clear Creek	Hopkins	0.0 to 11.9	Sedimentation/Siltation
Pond Creek into Clear Creek	Hopkins	0.0 to 5.5	Sedimentation/Siltation
Pond Creek into Clear Creek	Hopkins	0.0 to 5.5	Turbidity
Richland Creek into Clear Creek	Hopkins	0.0 to 4.5	Sedimentation/Siltation
Weirs Creek into Clear Creek	Hopkins	0.0 to 4.9	Nutrient/ Eutrophication Biological Indicators
Weirs Creek into Clear Creek	Hopkins	0.0 to 4.9	Sedimentation/Siltation
Weirs Creek into Clear Creek	Hopkins	0.0 to 4.9	Turbidity

KDOW completed monitoring in 2008. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue sediment and total dissolved solids TMDLs when protocols are developed.

## TMDLs under Development Prior to 2012

### 4.4.2.3 Copper Creek

Stream Name	County	River Miles	Pollutant
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Iron
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	pH
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Specific Conductance
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Total Dissolved Solids
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Zinc
UT to Copper Creek into Copper Creek	Hopkins	0.0 to 1.1	Specific Conductance
UT to Copper Creek into Copper Creek	Hopkins	0.0 to 1.1	Total Dissolved Solids

KDOW completed monitoring in 2007. Draft metals and pH TMDLs are anticipated to be submitted in 2013. KDOW will pursue specific conductance and total dissolved solids TMDLs when protocols are developed.

### 4.4.2.4 Hurricane Creek

Stream Name	County	River Miles	Pollutant
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Iron
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	pH
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Specific Conductance
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Total Dissolved Solids
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Zinc
East Fork Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 2.2	Specific Conductance
East Fork Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 2.2	Total Dissolved Solids
UT to Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 0.2	Iron
UT to Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 0.2	pH
UT to Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 0.2	Specific Conductance
UT to Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 0.2	Total Dissolved Solids
UT to Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 0.2	Zinc

KDOW completed monitoring in 2007. Draft metals and pH TMDLs are anticipated to be submitted in 2013. KDOW will pursue specific conductance and total dissolved solids TMDLs when protocols are developed.

### 4.4.3 Ohio River Basin

#### 4.4.3.1 Canoe Creek

Stream Name	County	River Miles	Pollutant
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Chromium (total)
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Copper
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Fecal Coliform
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Nutrient/ Eutrophication Biological Indicators

## TMDLs under Development Prior to 2012

Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Organic Enrichment (Sewage) Biological Indicators
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Sedimentation/ Siltation
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Zinc
East Fork of Canoe Creek into Canoe Cr.	Henderson	0.0 to 4.4	Oxygen, Dissolved
East Fork of Canoe Creek into Canoe Cr.	Henderson	0.0 to 4.4	Sedimentation/ Siltation

KDOW completed monitoring in 2010. A draft preliminary bacteria TMDL document is anticipated for submittal in 2013. KDOW will pursue sediment and metals TMDLs when protocols are developed.

### 4.4.3.2 Crooked Creek Watershed

Stream Name	County	River Miles	Pollutant
Crooked Creek into Ohio River	Crittenden	0.0 to 12.1	Nutrient/ Eutrophication Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Fecal Coliform
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Nutrient/ Eutrophication Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Organic Enrichment (Sewage) Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Sedimentation/Siltation
UT to Rush Creek into Rush Cr.	Crittenden	0.0 to 1.3	Nutrient/ Eutrophication Biological Indicators
UT to Rush Creek into Rush Cr.	Crittenden	0.0 to 1.3	Organic Enrichment (Sewage) Biological Indicators
UT to Rush Creek into Rush Cr.	Crittenden	0.0 to 1.3	Specific Conductance

KDOW completed monitoring in 2009. However, due to accessibility and safety issues additional data collection may be warranted in the UT to Rush Creek. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue specific conductance and sediment TMDLs when protocols are developed.

## 4.5 Big Sandy-Little Sandy-Tygarts Basin Unit

### 4.5.1 Big Sandy River Basin

#### 4.5.1.1 Elkhorn Creek Watershed

Stream Name	County	River Miles	Pollutant
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.7	Fecal Coliform
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.7	Sedimentation/Siltation
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.7	Specific Conductance
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.7	Total Dissolved Solids
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.7	Total Suspended Solids
Upper Pidgeon Branch into Elkhorn Creek	Pike	0.0 to 2.1	Sedimentation/Siltation
Upper Pidgeon Branch into Elkhorn Creek	Pike	0.0 to 2.1	Total Dissolved Solids

Monitoring began during 2007 under a 319(h) project grant. KDOW will pursue specific conductance, sediment and total dissolved solids TMDLs when protocols are developed.

TMDLs under Development Prior to 2012

4.5.1.2 Beaver Creek Watershed

Stream Name	County	River Miles	Pollutant
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Nutrient/ Eutrophication Biological Indicators
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Organic Enrichment (Sewage) Biological Indicators
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Sedimentation/Siltation
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Specific Conductance
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Total Dissolved Solids
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Nutrient/ Eutrophication Biological Indicators
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Sedimentation/Siltation
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Specific Conductance
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Total Dissolved Solids
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Iron
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Nitrate/Nitrite (Nitrite + Nitrate as N)
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Nutrient/ Eutrophication Biological Indicators
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Organic Enrichment (Sewage) Biological Indicators
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Sedimentation/Siltation
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Specific Conductance
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Total Suspended Solids (TSS)
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Nutrient/ Eutrophication Biological Indicators
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Sedimentation/Siltation
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Total Dissolved Solids
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Total Dissolved Solids
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Iron
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Nutrient/ Eutrophication Biological Indicators
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Organic Enrichment (Sewage) Biological Indicators
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Sedimentation/Siltation
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Specific Conductance
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Iron
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Nitrogen (Total)
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Nutrient/ Eutrophication Biological Indicators
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Organic Enrichment (Sewage) Biological Indicators
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Phosphorus (Total)
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Sedimentation/Siltation
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Specific Conductance
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Total Dissolved Solids
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Nutrient/ Eutrophication Biological Indicators
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Specific Conductance
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Total Dissolved Solids
Caney Fork into Right Fork Beaver Cr.	Knott	7.5 to 11.3	Specific Conductance
Caney Fork into Right Fork Beaver C.	Knott	7.5 to 11.3	Total Dissolved Solids

TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Nitrogen (Total)
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Phosphorus (Total)
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Sedimentation/Siltation
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Specific Conductance
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Total Dissolved Solids
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Sedimentation/Siltation
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Specific Conductance
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Total Dissolved Solids
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Iron
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Nutrient/ Eutrophication Biological Indicators
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Organic Enrichment (Sewage) Biological Indicators
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Sedimentation/Siltation
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Specific Conductance
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Total Dissolved Solids
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Sedimentation/Siltation
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Specific Conductance
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Total Dissolved Solids
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Nutrient/ Eutrophication Biological Indicators
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Sedimentation/Siltation
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Specific Conductance
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Total Dissolved Solids
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Sedimentation/Siltation
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Specific Conductance
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Total Dissolved Solids
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Iron
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Nitrogen (Total)
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Phosphorus (Total)
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Sedimentation/Siltation
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Specific Conductance
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Iron
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Cr.	Floyd	11.4 to 13.55	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Nutrient/ Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	18.7 to 28.6	Nutrient/ Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Cr.	Floyd	18.7 to 28.6	Specific Conductance
Left Fork Beaver Creek into Beaver Creek	Floyd	18.7 to 28.6	Total Dissolved Solids
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Ammonia (un-ionized)
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Nitrogen (Total)

TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Nutrient/ Eutrophication Biological Indicators
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Organic Enrichment (Sewage) Biological Indicators
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Phosphorus (Total)
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Sedimentation/Siltation
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Specific Conductance
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Total Dissolved Solids
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Nutrient/ Eutrophication Biological Indicators
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Organic Enrichment (Sewage) Biological Indicators
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Specific Conductance
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Total Dissolved Solids
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Nutrient/ Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Organic Enrichment (Sewage) Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	pH
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Sedimentation/Siltation
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Total Dissolved Solids
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Nutrient/ Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Total Dissolved Solids
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Nutrient/ Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Total Dissolved Solids
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Nutrient/ Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Organic Enrichment (Sewage) Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Sedimentation/Siltation
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Total Dissolved Solids
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Nutrient/ Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Total Dissolved Solids
Righthand Fork into Bill D Br.	Knott	0.0 to 2.0	Specific Conductance
Righthand Fork into Bill D Br.	Knott	0.0 to 2.0	Total Dissolved Solids
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Nutrient/ Eutrophication Biological Indicators
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Sedimentation/Siltation
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Specific Conductance
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Total Dissolved Solids
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Nutrient/Eutrophication Biological Indicators
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Sedimentation/Siltation
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Total Dissolved Solids

TMDLs under Development Prior to 2012

<b>Stream Name</b>	<b>County</b>	<b>River Miles</b>	<b>Pollutant</b>
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Specific Conductance
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Nitrogen (Total)
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Oxygen, Dissolved
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Phosphorus (Total)
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Sedimentation/Siltation
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Specific Conductance
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Iron
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Nutrient/ Eutrophication Biological Indicators
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Organic Enrichment (Sewage) Biological Indicators
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Sedimentation/Siltation
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Specific Conductance
Simpson Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 1.8	Total Dissolved Solids
Sizemore Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 2.0	Specific Conductance
Sizemore Branch into Left Fk. Beaver Cr.	Floyd	0.0 to 2.0	Total Dissolved Solids
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	pH
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Specific Conductance
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Total Dissolved Solids
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Total Suspended Solids
Spurlock Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.6	Specific Conductance
Spurlock Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.6	Total Dissolved Solids
Spurlock Creek into Left Fork Beaver Cr.	Floyd	0.6 to 4.0	Specific Conductance
Spurlock Creek into Left Fork Beaver Cr.	Floyd	0.6 to 4.0	Total Dissolved Solids
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Ammonia (Un-ionized)
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Nutrient/ Eutrophication Biological Indicators
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Organic Enrichment (Sewage) Biological Indicators
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Sedimentation/Siltation
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Specific Conductance
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Total Dissolved Solids
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Ammonia (un-ionized)
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Nutrient/ Eutrophication Biological Indicators
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Organic Enrichment (Sewage) Biological Indicators
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Sedimentation/Siltation
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Specific Conductance
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Total Dissolved Solids
Turkey Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 5.9	Nutrient/ Eutrophication Biological Indicators
Turkey Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 5.9	Oxygen, Dissolved
Turkey Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 5.9	Sedimentation/Siltation
Turkey Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 5.9	Specific Conductance
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Nutrient/ Eutrophication Biological Indicators

## TMDLs under Development Prior to 2012

Stream Name	County	River Miles	Pollutant
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Organic Enrichment (Sewage) Biological Indicators
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Sedimentation/Siltation
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Total Dissolved Solids

KDOW awarded a contract to Eastern KY University for stream monitoring in these segments and monitoring was completed during 2009. KDOW will pursue development of nutrient TMDLs when nutrient targets are available. KDOW will pursue specific conductance, sediment and total dissolved solids TMDLs when protocols are developed.

### 4.5.2 Little Sandy River Basin

No TMDLs currently under development.

### 4.5.3 Tygarts Creek Basin

No TMDLs currently under development.

## 4.6 Ohio River Mainstem

### 4.6.1 Ohio River Mainstem

Stream Name	County	River Miles	Pollutant
Ohio River 317.2 to 319.4	Boyd	317.6 to 319.7	<i>E. coli</i>
Ohio River 319.4 to 340.8	Boyd, Greenup	319.7 to 341.05	<i>E. coli</i>
Ohio River 356.6 to 377.7	Greenup, Lewis	356.8 to 377.65	<i>E. coli</i>
Ohio River 382.9 to 388.0	Lewis	382.85 to 388.0	<i>E. coli</i>
Ohio River 464.5 to 465.2	Campbell	464.1 to 464.8	<i>E. coli</i>
Ohio River 469.3 to 471.4	Campbell, Kenton	468.85 to 471.0	<i>E. coli</i>
Ohio River 471.4 to 475.1	Kenton	471.0 to 474.65	<i>E. coli</i>
Ohio River 475.1 to 477.6	Kenton, Boone	474.65 to 477.1	<i>E. coli</i>
Ohio River 477.6 to 488.0	Boone	477.1 to 487.4	<i>E. coli</i>
Ohio River 593.1 to 595.5	Jefferson	591.8 to 594.25	<i>E. coli</i>
Ohio River 603.3 to 608.1	Jefferson	602.1 to 606.6	<i>E. coli</i>
Ohio River 608.1 to 609.2	Jefferson	606.6 to 607.65	<i>E. coli</i>
Ohio River 609.2 to 614.9	Jefferson	607.65 to 613.3	<i>E. coli</i>
Ohio River 614.9 to 683.0	Jefferson, Hardin, Meade	613.3 to 680.9	<i>E. coli</i>
Ohio River 683.0 to 719.5	Meade, Breckinridge, Hancock	680.9 to 716.8	<i>E. coli</i>
Ohio River 719.5 to 735.7	Hancock	716.8 to 732.8	<i>E. coli</i>
Ohio River 735.7 to 756.4	Hancock, Daviess	732.8 to 753.1	<i>E. coli</i>
Ohio River 756.4 to 760.6	Daviess	753.1 to 757.0	<i>E. coli</i>
Ohio River 760.6 to 776.1	Daviess, Henderson	757.0 to 772.35	<i>E. coli</i>
Ohio River 776.1 to 789.3	Henderson	772.35 to 785.55	<i>E. coli</i>
Ohio River 792.1 to 793.2	Henderson	788.4 to 789.3	<i>E. coli</i>
Ohio River 793.2 to 795.7	Henderson	789.3 to 791.8	<i>E. coli</i>
Ohio River 795.7 to 799.8	Henderson	791.8 to 795.85	<i>E. coli</i>
Ohio River 799.8 to 802.9	Henderson	795.85 to 789.9	<i>E. coli</i>
Ohio River 802.9 to 820.1	Henderson	789.9 to 816.25	<i>E. coli</i>
Ohio River 820.1 to 826.4	Henderson	816.25 to 822.5	<i>E. coli</i>
Ohio River 826.4 to 846.3	Henderson, Union	822.5 to 842.15	<i>E. coli</i>
Ohio River 846.3 to 847.3	Union	842.15 to 843.1	<i>E. coli</i>
Ohio River 853.4 to 857.6	Union	849.35 to 853.3	<i>E. coli</i>

## TMDLs under Development Prior to 2012

<b>Stream Name</b>	<b>County</b>	<b>River Miles</b>	<b>Pollutant</b>
Ohio River 862.1 to 872.8	Union	857.8 to 868.3	<i>E. coli</i>
Ohio River 878.2 to 882.9	Crittenden	873.25 to 877.9	<i>E. coli</i>
Ohio River 894.6 to 910.3	Livingston	889.45 to 904.85	<i>E. coli</i>
Ohio River 920.5 to 925.8	Livingston	914.9 to 919.85	<i>E. coli</i>

The Ohio River Valley Water Sanitation Commission (ORSANCO) collects data for the mainstem of the Ohio River. ORSANCO reports the river miles for the Ohio River according to those printed on 7.5 quadrangle maps and these are shown in the Stream Name column. The corresponding National Hydrography Data (NHD) river miles are shown under the River Miles column. A multi-state agreement has been reached to have EPA Region 5 take the lead in producing the bacteria TMDLs. EPA Region 5 has contracted the bacteria TMDL development to a third party and a draft TMDL is anticipated for submittal in 2013.

**Chapter 5. Segments Planned for Monitoring During 2012**

**5.1 Kentucky Basin Unit**

**5.1.1 Kentucky River Basin**

No TMDL monitoring planned for 2012.

**5.2 Salt-Licking Basin Unit**

**5.2.1 Licking River Basin**

No TMDL monitoring planned for 2012.

**5.2.2 Ohio River Basin**

No TMDL monitoring planned for 2012.

**5.2.3 Salt River Basin**

**5.2.3.1 Sulphur Creek**

<b>Stream Name</b>	<b>County</b>	<b>River Miles</b>	<b>Pollutant</b>
Sulphur Creek into Chaplin River	Anderson	0.0 to 10.0	<i>E. coli</i>
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Sedimentation/Siltation
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Nutrient/ Eutrophication Biological Indicators

Monitoring will begin in March 2012 and will continue through 2014.

**5.3 Tennessee-Mississippi-Cumberland Basin Unit**

**5.3.1 Lower Cumberland River Basin**

No TMDL monitoring planned for 2012.

**5.3.2 Mississippi River Basin**

No TMDL monitoring planned for 2012.

**5.3.3 Ohio River Basin**

No TMDL monitoring planned for 2012.

**5.3.4 Tennessee River Basin**

No TMDL monitoring planned for 2012.

**5.3.5 Upper Cumberland River Basin**

No TMDL monitoring planned for 2012.

**5.4 Green-Tradewater Basin Unit**

**5.4.1 Green River Basin**

No TMDL monitoring planned for 2012.

## TMDL Monitoring Planned for 2012

### **5.4.2 Ohio River Basin**

No TMDL monitoring planned for 2012.

### **5.4.3 Tradewater River Basin**

No TMDL monitoring planned for 2012.

## **5.5 Big Sandy-Little Sandy-Tygarts Basin Unit**

### **5.5.1 Big Sandy River Basin**

No TMDL monitoring planned for 2012.

### **5.5.2 Little Sandy River Basin**

No TMDL monitoring planned for 2012.

### **5.5.3 Tygarts Creek Basin**

No TMDL monitoring planned for 2012.

## **5.6 Ohio River Mainstem**

The Ohio River Valley Water Sanitation Commission (ORSANCO) collects data for the mainstem of the Ohio River. Monitoring of fish tissue for contaminants, especially methylmercury, is planned for 2012 in conjunction with ambient sampling of the Ohio River. For more information on ORSANCO's monitoring programs, visit their website at <http://www.orsanco.org/>.

**Chapter 6. Segments Planned for Monitoring During 2013**

**6.1 Kentucky Basin Unit**

**6.1.1 Kentucky River Basin**

No TMDL monitoring in 2013.

**6.2 Salt-Licking Basin Unit**

**6.2.1 Licking River Basin**

No TMDL monitoring planned for 2013.

**6.2.2 Salt River Basin**

**6.2.2.1 Sulphur Creek**

Stream Name	County	River Miles	Pollutant
Sulphur Creek into Chaplin River	Anderson	0.0 to 10.0	<i>E. coli</i>
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Sedimentation/Siltation
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Nutrient/ Eutrophication Biological Indicators

**6.3 Tennessee-Mississippi-Cumberland Basin Unit**

**6.3.1 Lower Cumberland Basin**

**6.3.1.1 Claylick Creek**

Stream Name	County	River Miles	Pollutant
Claylick Creek into Cumberland River	Crittenden	4.8 to 10.7	Nutrient/ Eutrophication Biological Indicators
Claylick Creek into Cumberland River	Crittenden	4.8 to 10.7	Sedimentation/Siltation
Claylick Creek into Cumberland River	Crittenden	10.7 to 13.9	Sedimentation/Siltation

**6.3.2 Mississippi River Basin**

No TMDL monitoring planned for 2013.

**6.3.3 Tennessee River Basin**

No TMDL monitoring planned for 2013.

**6.3.4 Upper Cumberland Basin**

No TMDL monitoring planned for 2013.

**6.4 Green-Tradewater Basin Unit**

**6.4.1 Green River Basin**

No TMDL monitoring planned for 2013.

## TMDL Monitoring Planned for 2013

### **6.4.2 Tradewater River Basin**

No TMDL monitoring planned for 2013.

### **6.4.3 Ohio River Basin**

No TMDL monitoring planned for 2013.

## **6.5 Big Sandy-Little Sandy-Tygarts Basin Unit**

### **6.5.1 Big Sandy River Basin**

No TMDL monitoring planned for 2013.

### **6.5.2 Little Sandy River Basin**

No TMDL monitoring planned for 2013.

### **6.5.3 Ohio River Basin**

No TMDL monitoring planned for 2013.

### **6.5.4 Tygarts Creek Basin**

No TMDL monitoring planned for 2013.

TMDLs Planned for Public Notice during 2012

Chapter 7. TMDLs Planned for Public Notice During 2012

Stream Name	River Miles	County	Pollutant	Quarter
South Elkhorn Creek	5.05 to 16.6	Fayette	Fecal Coliform	1st
South Elkhorn Creek	16.6 to 34.5	Woodford	Fecal Coliform	1st
South Elkhorn Creek	34.5 to 52.7	Fayette	Fecal Coliform	1st
Steeles Run	0.0 to 5.1	Fayette	Fecal Coliform	1st
Town Branch	0.0 to 9.2	Fayette	Fecal Coliform	1st
Town Branch	9.2 to 10.8	Fayette	Fecal Coliform	1st
Town Branch	10.8 to 12.1	Fayette	Fecal Coliform	1st
Wolf Run	0.0 to 4.4	Fayette	Fecal Coliform	1st
Cane Run	0.0 to 3.0	Scott	Fecal Coliform	4th
Cane Run	3.0 to 9.6	Scott	Fecal Coliform	4th
Cane Run	9.6 to 17.4	Fayette	Fecal Coliform	4th
UT to Cane Run at RM 6.13	0.0 to 3.5	Scott	Fecal Coliform	4th
UT to Cane Run at RM 10.8	0.0 to 2.4	Scott	Fecal Coliform	4th
UT to Cane Run at RM 12.9	0.0 to 2.1	Scott	Fecal Coliform	4th
Ashers Run	0.0 to 4.8	Oldham	Fecal Coliform, <i>E. coli</i>	4th
Cane Run	0.0 to 7.3	Jefferson	<i>E. coli</i>	4th
Cedar Creek	4.3 to 11.1	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Chenoweth Run	0.0 to 5.25	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Chenoweth Run	5.25 to 9.2	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Currys Fork	0.0 to 4.8	Oldham	<i>E. coli</i>	4th
Floyds Fork	0.0 to 11.7	Bullitt	<i>E. coli</i>	4th
Floyds Fork	11.7 to 24.2	Jefferson	<i>E. coli</i>	4th
Floyds Fork	24.2 to 34.1	Jefferson	<i>E. coli</i>	4th
Floyds Fork	34.1 to 61.9	Shelby	Fecal Coliform, <i>E. coli</i>	4th
Long Run	0.0 to 9.9	Jefferson	<i>E. coli</i>	4th
North Fork Currys Fork	0.0 to 6.0	Oldham	<i>E. coli</i>	4th
Pennsylvania Run	0.0 to 3.3	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Pope Lick Creek	0.0 to 2.1	Jefferson	<i>E. coli</i>	4th
Pope Lick Creek	2.1 to 5.5	Jefferson	<i>E. coli</i>	4th
Pope Lick Creek	2.1 to 5.5	Jefferson	<i>E. coli</i>	4th
South Fork Currys Fork	0.0 to 6.1	Oldham	<i>E. coli</i>	4th
South Long Run	0.0 to 3.35	Jefferson	<i>E. coli</i>	4th
UT of South Fork Currys Fork	0.0 to 1.8	Oldham	<i>E. coli</i>	4th
Little Laurel River	0.0 to 8.4	Laurel	<i>E. coli</i>	3rd
Little Laurel River	8.4 to 12.7	Laurel	<i>E. coli</i>	3rd
Little Laurel River	14.8 to 23.0	Laurel	<i>E. coli</i>	3rd
Laurel River	26.35 to 33.95	Laurel	<i>E. coli</i>	3rd
Lick Creek	0.0 to 3.65	Laurel	<i>E. coli</i>	3rd
Sallys Branch	0.0 to 2.9	Laurel	<i>E. coli</i>	3rd
Sampson Branch	0.0 to 4.7	Laurel	<i>E. coli</i>	3rd

## TMDLs Planned for Public Notice during 2012

<b>Stream Name</b>	<b>River Miles</b>	<b>County</b>	<b>Pollutant</b>	<b>Quarter</b>
UT of Little Laurel River	0.0 to 1.4	Laurel	<i>E. coli</i>	3rd

The TMDLs will be developed if there are approved protocols in place. Data collection is ongoing for some of these TMDLs, which may cause pollutant or segment additions or removals from the above list. If approved protocols for specific pollutants are not in place, other TMDLs will be pursued for development.

TMDLs Planned for Public Notice during 2013

**Chapter 8. TMDLs Planned for Public Notice During 2013**

<b>Stream Name</b>	<b>River Miles</b>	<b>County</b>	<b>Pollutant</b>	<b>Quarter</b>
North Elkhorn Creek	66.0 to 73.75	Fayette	<i>E. coli</i>	1st
David Fork	0.0 to 1.65	Fayette	<i>E. coli</i>	1st
UT to North Elkhorn Creek	0.0 to 3.5	Fayette	<i>E. coli</i>	1st
Brush Fork	0.0 to 4.4	McLean	pH	1st
Crooked Creek	0.0 to 3.0	Daviess	Fecal Coliform	1st
Deserter Creek	0.0 to 3.1	Daviess	Fecal Coliform	1st
Knoblick Creek	0.0 to 2.1	Daviess	Fecal Coliform	1st
Long Falls	0.0 to 7.6	McLean	Fecal Coliform	1st
Long Falls	7.6 to 11.8	McLean	Fecal Coliform	1st
Long Falls	7.6 to 11.8	McLean	pH	1st
North Fork Panther Creek	4.2 to 9.1	Daviess	Fecal Coliform	1st
Panther Creek	3.0 to 5.9	Daviess	Fecal Coliform	1st
South Fork Panther Creek	0.0 to 2.4	Daviess	Copper	1st
South Fork Panther Creek	0.0 to 2.4	Daviess	Fecal Coliform	1st
South Fork Panther Creek	9.55 to 14.0	Daviess	Fecal Coliform	1st
South Fork Panther Creek	14.0 to 18.3	Daviess	Fecal Coliform	1st
Bayou Creek	0.5 to 11.9	McCracken	Copper	2nd
Bayou Creek	0.5 to 11.9	McCracken	Lead	2nd
Little Bayou Creek	0.0 to 7.2	McCracken	Copper	2nd
Little Bayou Creek	0.0 to 7.2	McCracken	Lead	2nd
Brooks Run	0.0 to 2.7	Bullitt	Nutrient/ Eutrophication Biological Indicators	2nd
Brooks Run	0.0 to 2.7	Bullitt	Organic Enrichment (Sewage) Biological Indicators	2nd
Brooks Run	2.7 to 4.4	Bullitt	Nutrient/ Eutrophication Biological Indicators	2nd
Brooks Run	2.7 to 4.4	Bullitt	Organic Enrichment (Sewage) Biological Indicators	2nd
Brooks Run	4.4 to 6.4	Bullitt	Nutrient/ Eutrophication Biological Indicators	2nd
Brooks Run	4.4 to 6.4	Bullitt	Organic Enrichment (Sewage) Biological Indicators	2nd
Floyds Fork	11.7 to 24.2	Jefferson	Nutrient/ Eutrophication Biological Indicators	2nd
Floyds Fork	34.1 to 61.9	Jefferson	Nutrient/ Eutrophication Biological Indicators	2nd
UT to Brooks Run	0.0 to 2.0	Bullitt	Nutrient/ Eutrophication Biological Indicators	2nd
UT to Brooks Run	0.0 to 2.0	Bullitt	Organic Enrichment (Sewage) Biological Indicators	2nd
Canoe Creek	2.4 to 5.0	Henderson	Fecal Coliform	2nd
Ohio River 317.2 to 319.4	317.6 to 319.7	Boyd	<i>E. coli</i>	2nd

TMDLs Planned for Public Notice during 2013

Stream Name	River Miles	County	Pollutant	Quarter
Ohio River 319.4 to 340.8	319.7 to 341.05	Boyd, Greenup	<i>E. coli</i>	2nd
Ohio River 356.6 to 377.7	356.8 to 377.65	Greenup, Lewis	<i>E. coli</i>	2nd
Ohio River 382.9 to 388.0	382.85 to 388.0	Lewis	<i>E. coli</i>	2nd
Ohio River 464.5 to 465.2	464.1 to 464.8	Campbell	<i>E. coli</i>	2nd
Ohio River 469.3 to 471.4	468.85 to 471.0	Campbell, Kenton	<i>E. coli</i>	2nd
Ohio River 471.4 to 475.1	471.0 to 474.65	Kenton	<i>E. coli</i>	2nd
Ohio River 475.1 to 477.6	474.65 to 477.1	Kenton, Boone	<i>E. coli</i>	2nd
Ohio River 477.6 to 488.0	477.1 to 487.4	Boone	<i>E. coli</i>	2nd
Ohio River 593.1 to 595.5	591.8 to 594.25	Jefferson	<i>E. coli</i>	2nd
Ohio River 603.3 to 608.1	602.1 to 606.6	Jefferson	<i>E. coli</i>	2nd
Ohio River 608.1 to 609.2	606.6 to 607.65	Jefferson	<i>E. coli</i>	2nd
Ohio River 609.2 to 614.9	607.65 to 613.3	Jefferson	<i>E. coli</i>	2nd
Ohio River 614.9 to 683.0	613.3 to 680.9	Jefferson, Hardin, Meade	<i>E. coli</i>	2nd
Ohio River 683.0 to 719.5	680.9 to 716.8	Meade, Breckinridg, Hancock	<i>E. coli</i>	2nd
Ohio River 719.5 to 735.7	716.8 to 732.8	Hancock	<i>E. coli</i>	2nd
Ohio River 735.7 to 756.4	732.8 to 753.1	Hancock, Daviess	<i>E. coli</i>	2nd
Ohio River 756.4 to 760.6	753.1 to 757.0	Daviess	<i>E. coli</i>	2nd
Ohio River 760.6 to 776.1	757.0 to 772.35	Daviess, Henderson	<i>E. coli</i>	2nd
Ohio River 776.1 to 789.3	772.35 to 785.55	Henderson	<i>E. coli</i>	2nd
Ohio River 792.1 to 793.2	788.4 to 789.3	Henderson	<i>E. coli</i>	2nd
Ohio River 793.2 to 795.7	789.3 to 791.8	Henderson	<i>E. coli</i>	2nd
Ohio River 795.7 to 799.8	791.8 to 795.85	Henderson	<i>E. coli</i>	2nd
Ohio River 799.8 to 802.9	795.85 to 789.9	Henderson	<i>E. coli</i>	2nd
Ohio River 802.9 to 820.1	789.9 to 816.25	Henderson	<i>E. coli</i>	2nd
Ohio River 820.1 to 826.4	816.25 to 822.5	Henderson	<i>E. coli</i>	2nd

TMDLs Planned for Public Notice during 2013

Stream Name	River Miles	County	Pollutant	Quarter
Ohio River 826.4 to 846.3	822.5 to 842.15	Henderson, Union	<i>E. coli</i>	2nd
Ohio River 846.3 to 847.3	842.15 to 843.1	Union	<i>E. coli</i>	2nd
Ohio River 853.4 to 857.6	849.35 to 853.3	Union	<i>E. coli</i>	2nd
Ohio River 862.1 to 872.8	857.8 to 868.3	Union	<i>E. coli</i>	2nd
Ohio River 878.2 to 882.9	873.25 to 877.9	Crittenden	<i>E. coli</i>	2nd
Ohio River 894.6 to 910.3	889.45 to 904.85	Livingston	<i>E. coli</i>	2nd
Ohio River 920.5 to 925.8	914.9 to 919.85	Livingston	<i>E. coli</i>	2nd
Caney Creek	0.0 to 8.2	Hopkins	pH	3rd
Copper Creek	0.0 to 2.7	Hopkins	Iron	3rd
Copper Creek	0.0 to 2.7	Hopkins	pH	3rd
Copper Creek	0.0 to 2.7	Hopkins	Zinc	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Cadmium	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Iron	3rd
Copperas Creek	0.0 to 3.6	Hopkins	pH	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Nickel	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Zinc	3rd
Fox Run	0.0 to 1.1	Hopkins	pH	3rd
Hurricane Creek	0.0 to 1.8	Hopkins	Iron	3rd
Hurricane Creek	0.0 to 1.8	Hopkins	Zinc	3rd
Hurricane Creek	0.0 to 1.8	Hopkins	pH	3rd
UT to Copperas Creek	0.0 to 0.9	Hopkins	Cadmium	3rd
UT to Copperas Creek	0.0 to 0.9	Hopkins	Iron	3rd
UT to Copperas Creek	0.0 to 0.9	Hopkins	pH	3rd
UT to Copperas Creek	0.0 to 0.9	Hopkins	Zinc	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	Iron	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	Zinc	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	pH	3rd
Cooper Run	0.0 to 10.15	Bourbon	<i>E. coli</i>	3rd
Flat Run	0.0 to 2.2	Bourbon	<i>E. coli</i>	3rd
Flat Run	2.2 to 9.05	Bourbon	<i>E. coli</i>	3rd
Hoods Creek	0.0 to 6.3	Clark	Fecal Coliform	3rd
Houston Creek	0.0 to 9.0	Bourbon	Fecal Coliform	3rd
Johnson Creek	0.0 to 0.9	Clark	Fecal Coliform	3rd
Kennedy Creek	0.0 to 5.7	Bourbon	<i>E. coli</i>	3rd
Little Stoner Creek	0.0 to 5.0	Clark	Fecal Coliform	3rd
Stoner Creek	0.0 to 5.55	Bourbon	<i>E. coli</i>	3rd
Stoner Creek	5.55 to 15.0	Bourbon	<i>E. coli</i>	3rd
Stoner Creek	17.3 to 30.1	Bourbon	<i>E. coli</i>	3rd
Stoner Creek	35.7 to 45.1	Bourbon	<i>E. coli</i>	3rd

TMDLs Planned for Public Notice during 2013

Stream Name	River Miles	County	Pollutant	Quarter
Strodes Creek	2.7 to 7.9	Bourbon	Fecal Coliform; <i>E. coli</i>	3rd
Strodes Creek	7.9 to 19.3	Bourbon	Fecal Coliform; <i>E. coli</i>	3rd
Strodes Creek	19.3 to 26.4	Clark	Fecal Coliform; <i>E. coli</i>	3rd
UT of Cooper Run	0.0 to 3.8	Bourbon	<i>E. coli</i>	3rd
UT of Cooper Run	0.0 to 1.0	Bourbon	<i>E. coli</i>	3rd
UT of Cooper Run	0.0 to 3.05	Bourbon	<i>E. coli</i>	3rd
UT of Flat Run	0.0 to 2.1	Bourbon	<i>E. coli</i>	3rd
UT to Hancock Cr.	0.0 to 3.72	Clark	Fecal Coliform	3rd
UT of Strodes Creek	0.0 to 3.7	Clark	Fecal Coliform; <i>E. coli</i>	3rd
Woodruff Creek	0.0 to 3.7	Clark	Fecal Coliform	3rd
Hardwick Creek	0.0 to 3.2	Powell	Fecal Coliform	4th
Caney Fork	Nelson	0.0 to 4.0	<i>E. coli</i>	4th
Cox Creek	Bullitt	0.0 to 4.7	<i>E. coli</i>	4th
Cox Creek	Nelson	4.7 to 11.4	<i>E. coli</i>	4th
Cox Creek	Nelson	11.4 to 18.6	<i>E. coli</i>	4th
Cox Creek	Nelson	18.6 to 23.9	<i>E. coli</i>	4th
East Fork Cox Creek	Bullitt	0.0 to 4.3	<i>E. coli</i>	4th
Froman Creek	Nelson	0.0 to 1.25	<i>E. coli</i>	4th
West Fork Cox Creek	Bullitt	0.0 to 6.9	<i>E. coli</i>	4th

The TMDLs will be developed if there are approved protocols in place. If approved protocols for specific pollutant are not in place, other TMDLs will be pursued for development.

2012 303(d) List

Chapter 9. The 2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Turbidity	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/ Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Adams Fork 0.0 to 4.6	4.6 miles	KY485774_01	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Cause Unknown	Source Unknown
Alexandria Park Lake	6.1 acres	KY0062_00	Fresh-water Reservoir	Salt/Licking	Ohio River	05090201	Campbell	5-PS	FC	Mercury in Fish Tissue	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Allcorn Creek 0.7 to 3.2	2.5 miles	KY485841_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Allcorn Creek 0.7 to 3.2	2.5 miles	KY485841_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Temperature, Water	Loss of Riparian Habitat
Allen Creek 0.0 to 4.15	4.15 miles	KY485867_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Urban Stormwater
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Unspecified Urban Stormwater
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Animal Feeding Operations (NPS)
Alum Cave Branch 1.7 to 3.60	1.9 miles	KY510181_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Jackson	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Habitat Modification - Other than Hydromodification
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Inappropriate Waste Disposal
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Arnolds Creek 0.0 to 10.8	10.8 miles	KY486059_00	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Ashers Run 0.0 to 4.8	4.8 miles	KY486083_01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ashers Run 0.0 to 4.8	4.8 miles	KY486083_01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Austin Creek 2.6 to 3.6	1 miles	KY486150_02	River	Green/ Tradewater	Green River	05110003	Logan	5-PS	WAH	Cause Unknown	Industrial Point Source Discharge
Backs Branch 0.0 to 0.9	0.9 miles	KY486191_01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_02	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_01	River	Kentucky	Kentucky River	05100205	Anderson	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Source Unknown; Unspecified Urban Stormwater
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_01	River	Kentucky	Kentucky River	05100205	Anderson	5-PS	WAH	Total Dissolved Solids	Source Unknown; Unspecified Urban Stormwater
Balls Fork 8.3 to 11.3	3 miles	KY486305_00	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation; Surface Mining
Balls Fork 8.3 to 11.3	3 miles	KY486305_00	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Surface Mining
Bandy Branch 0.0 to 1.4	1.4 miles	KY486311_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Non-Point Source
Banjo Branch 0.0 to 1.5	1.5 miles	KY486313_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_01	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	CAH	Cause Unknown	Source Unknown
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	CAH	Sedimentation/Siltation	Source Unknown
Barnetts Creek 0.0 to 1.6	1.6 miles	KY486411_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities; Surface Mining
Barren River 104.9 to 119.4	14.5 miles	KY517526_06	River	Green/Tradewater	Green River	05110002	Allen	5-NS	PCR	Fecal Coliform	Source Unknown
Barren River 104.9 to 119.4	14.5 miles	KY517526_06	River	Green/Tradewater	Green River	05110002	Allen	5-NS	SCR	Fecal Coliform	Source Unknown
Barrett Creek 0.0 to 7.2	7.2 miles	KY486436_01	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Agriculture; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Beta Particles and Photon Emitters	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Copper	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Gross Alpha	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Lead	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Mercury	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Bayou de Chien 0.0 to 4.2	4.2 miles	KY486489_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Copper	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Iron	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Lead	Municipal Point Source Discharges
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Bear Creek 0.0 to 2.0	2 miles	KY486557_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bear Creek 0.6 to 1.6	1 miles	KY486552_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Bear Creek 0.6 to 1.6	1 miles	KY486552_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source Discharges
Bear Creek 0.6 to 1.6	1 miles	KY486552_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bear Creek 14.7 to 22.4	7.7 miles	KY486554_02	River	Green/Tradewater	Green River	05110001	Edmonson	5-NS	WAH	Cause Unknown	Source Unknown
Bear Creek 22.4 to 30.6	8.2 miles	KY486554_03	River	Green/Tradewater	Green River	05110001	Grayson	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat; Streambank Modifications/Destabilization
Bear Creek 4.0 to 7.2	3.2 miles	KY486553_02	River	Tenn/Miss/Cumberland	Tennessee River	06040005	Marshall	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Bear Run 1.6 to 1.9	0.3 miles	KY486575_00	River	Green/Tradewater	Ohio River	05140201	Breckinridge	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing; Silviculture Harvesting
Bear Run 1.6 to 1.9	0.3 miles	KY486575_00	River	Green/Tradewater	Ohio River	05140201	Breckinridge	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal (Urbanized High Density Area); Unspecified Domestic Waste

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 10.0 to 14.4	4.4 miles	KY510489_00	River	Salt/Licking	Licking River	05100101	Menifee	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Non-irrigated Crop Production
Beaver Creek 17.7 to 35.5	17.8 miles	KY510488_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Beaver Creek 8.5 to 15.5	7 miles	KY486609_01	River	Green/ Tradewater	Green River	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Cause Unknown	Source Unknown

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Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Beaver Creek Lake	148 acres	KY486624_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140103	Anderson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Littoral/Shore Area Modifications (Non-riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek Lake	148 acres	KY486624_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140103	Anderson	5-NS	WAH	Oxygen, Dissolved	Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non-riverine); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	PCR; SCR; WAH	pH	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Cause Unknown	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges

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Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Beech Creek 4.6 to 19.6	15 miles	KY486700_01	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	PCR	Fecal Coliform	Source Unknown
Beech Creek 4.6 to 19.6	15 miles	KY486700_01	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	SCR	Fecal Coliform	Source Unknown
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_02	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	PCR	Escherichia coli	Agriculture
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_02	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	WAH	Iron	Source Unknown
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Sedimentation/Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

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Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_01	River	Green/Tradewater	Ohio River	05140201	Daviess	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_01	River	Green/Tradewater	Ohio River	05140201	Daviess	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Source Unknown
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Total Suspended Solids (TSS)	Source Unknown
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Specific Conductance	Coal Mining
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Total Dissolved Solids	Coal Mining
Benson Creek 0.0 to 4.6	4.6 miles	KY486877_01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_02	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_02	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_03	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_03	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_01	River	Green/Tradewater	Green River	05110001	Green	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Big Clifty Creek 4.7 to 6.7	2 miles	KY487156_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Cause Unknown	Municipal Point Source Discharges
Big Creek 0.0 to 1.9	1.9 miles	KY487161_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining; Surface Mining

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Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	River	Green/Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Channelization; Coal Mining; Loss of Riparian Habitat
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining; Surface Mining
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas)
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Specific Conductance	Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers

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Big Indian Creek 0.0 to 5.6	5.6 miles	KY487197_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	River	Sandy/Tygarts	Big Sandy River	05070203	Magoffin	5-PS	PCR; SCR; WAH	pH	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	River	Sandy/Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	River	Sandy/Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	River	Sandy/Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Big Mine Creek 5.8 to 8.4	2.6 miles	KY487221_02	River	Sandy/Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	River	Green/Tradewater	Green River	05110001	Taylor	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	River	Green/Tradewater	Green River	05110001	Taylor	5-PS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/ Destabilization

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Big Reedy Creek 6.9 to 11.5	4.6 miles	KY487231_01	River	Green/Tradewater	Green River	05110001	Edmonson	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Big Renox Creek 0.0 to 5.8	5.8 miles	KY487232_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
Big Sandy River 0.0 to 27.1	27.1 miles	KY487249_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Habitat Modification - Other than Hydromodification
Big South Fork 2.3 to 4.3	2 miles	KY487259_01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Big South Fork 2.3 to 4.3	2 miles	KY487259_01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities; Site Clearance (Land Development or Redevelopment)
Big South Fork 0.0 to 12.65	12.65 miles	KY487258_01	River	Salt/Licking	Salt River	05140103	Marion	5-PS	PCR	Fecal Coliform	Agriculture; Package Plant or Other Permitted Small Flows Discharges
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Big Twin Creek 0.0 to 3.8	3.8 miles	KY487286_00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Bill D Branch 1.1 to 2.9	1.8 miles	KY487299_02	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Bill D Branch 1.1 to 2.9	1.8 miles	KY487299_02	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture Grazing; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Sedimentation/Siltation	Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Turbidity	Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

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Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Selenium	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black Snake Branch 1.6 to 2.9	1.3 miles	KY487389_01	River	Green/Tradewater	Green River	05110001	Taylor	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Blackford Creek 0.2 to 4.0	3.8 miles	KY487412_01	River	Green/Tradewater	Ohio River	05140201	Hancock	5-NS	PCR	Fecal Coliform	Source Unknown
Blackford Creek 4.0 to 8.4	4.4 miles	KY487412_02	River	Green/Tradewater	Ohio River	05140201	Hancock	5-PS	WAH	Cause Unknown	Source Unknown
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Blackwater Creek 3.9 to 11.8	7.9 miles	KY510765_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown

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Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Escherichia coli	Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR; SCR; WAH	pH	Surface Mining
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_ 03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Surface Mining
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

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Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas); Sand/Gravel/Rock Mining or Quarries
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries
Blue Spring Ditch 0.0 to 2.1	2.1 miles	KY501047-1.9-15.0-5.1_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Board Branch 0.5 to 1.8	1.3 miles	KY487572_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-NS	PCR; SCR; WAH	pH	Impacts from Abandoned Mine Lands (Inactive)
Boltz Lake	92 acres	KY487648_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Unspecified Urban Stormwater
Boltz Lake	92 acres	KY487648_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture; Unspecified Urban Stormwater
Boone Creek 0.0 to 5.2	5.2 miles	KY487686_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Boone Creek 0.0 to 5.2	5.2 miles	KY487686_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)

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Boone Creek 0.0 to 5.2	5.2 miles	KY487686_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Boone Creek 5.2 to 9.1	3.9 miles	KY487686_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access
Boone Creek 5.2 to 9.1	3.9 miles	KY487686_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Cause Unknown	Source Unknown
Bowen Creek 0.0 to 1.5	1.5 miles	KY510866_01	River	Kentucky	Kentucky River	05100203	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Bracken Creek 2.8 to 11.0	8.2 miles	KY487783_01	River	Salt/Licking	Ohio River	05090201	Bracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Brashears Creek 0.0 to 13.0	13 miles	KY487840_01	River	Salt/Licking	Salt River	05140102	Spencer	5-PS	PCR	Escherichia coli	Agriculture; Non-Point Source
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

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Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Briary Creek 0.0 to 4.4	4.4 miles	KY487880_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Dredge Mining; Non-irrigated Crop Production; Other Recreational Pollution Sources
Briery Branch 0.2 to 2.2	2 miles	KY487905_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)
Broadtree Fork 0.0 to 1.6	1.6 miles	KY487936_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Broke Leg Creek 0.0 to 1.0	1 miles	KY510936_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Broke Leg Creek 1.0 to 4.4	3.4 miles	KY510936_02	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source
Brooks Run 0.0 to 2.7	2.5 miles	KY487968_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 0.0 to 2.7	2.5 miles	KY487968_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges

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Brooks Run 2.7 to 4.4	1.6 miles	KY487968_02	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 2.7 to 4.4	1.6 miles	KY487968_02	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.4 to 6.4	2 miles	KY487968_03	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Brooks Run 4.4 to 6.4	2 miles	KY487968_03	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Brush Creek 0.0 to 2.35	2.35 miles	KY488069_01	River	Salt/Licking	Ohio River	05090201	Campbell	5-NS	PCR	Escherichia coli	Non-Point Source
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Brush Creek 0.0 to 6.1	6.1 miles	KY488076_01	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles; Streambank Modifications/ Destabilization
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Total Dissolved Solids	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Brush Creek 0.0 to 6.6	6.6 miles	KY510969_00	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Brush Creek 0.0 to 8.4	8.4 miles	KY488070_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Dredging (e.g., for Navigation Channels)
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR; SCR; WAH	pH	Surface Mining
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining
Brushy Fork 0.0 to 10.0	10 miles	KY488137_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source
Brushy Fork 0.0 to 10.0	10 miles	KY488137_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Brushy Fork 0.0 to 10.0	10 miles	KY488137_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	River	Green/Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	River	Green/Tradewater	Green River	05110005	McLean	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	River	Green/Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

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Buck Creek 1.9 to 8.1	6.2 miles	KY488210_01	River	Green/Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Buck Creek 45.6 to 53.0	7.4 miles	KY511000_06	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	FC	Methylmercury	Source Unknown
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	River	Green/Tradewater	Green River	05110006	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	River	Green/Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Buck Fork 0.0 to 5.8	5.8 miles	KY488223_01	River	Green/Tradewater	Green River	05110006	Todd	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown
Buffalo Creek 0.0 to 1.8	1.8 miles	KY488317_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Source Unknown
Buffalo Creek 0.0 to 2.85	2.85 miles	KY488315_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source
Bull Creek 0.0 to 1.0	1 miles	KY488350_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization; Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Bull Creek 0.0 to 2.0	2 miles	KY511048_00	River	Kentucky	Kentucky River	05100203	Knox	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Bull Run 0.0 to 3.7	3.7 miles	KY488359_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Channelization; Legacy Coal Extraction; Loss of Riparian Habitat
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_00	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_00	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Turbidity	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Bullock Pen Lake	134 acres	KY488380_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bullock Pen Lake	134 acres	KY488380_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bullskin Creek 14.4 to 22.4	8 miles	KY488381_02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Cause Unknown	Source Unknown
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nitrogen (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production

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Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers
Burning Fork 3.3 to 5.2	1.9 miles	KY488450_02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Cause Unknown	Source Unknown
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	River	Green/Tradewater	Green River	05110001	Adair	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Cabin Creek 3.6 to 11.3	7.7 miles	KY488566_00	River	Salt/Licking	Ohio River	05090201	Mason	5-NS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Caddle Creek 0.00 to 2.00	2 miles	KY488575_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Cause Unknown	Agriculture
Caldwell Creek 0.0 to 3.0	3 miles	KY488592_00	River	Tenn/Miss/Cumberland	Mississippi River	08010202	Graves	5-NS	WAH	Sedimentation/Siltation	Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities

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Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_01	River	Green/Tradewater	Green River	05110001	Casey	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing

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Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_01	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Other	Source Unknown
Campbellsville City Reservoir	63 acres	KYCLN007_00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110001	Taylor	5-PS	SCR	Sedimentation/ Siltation	Natural Sources; Upstream Source
Cane Creek 0.0 to 4.1	4.1 miles	KY488773_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Cause Unknown	Source Unknown
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Non-irrigated Crop Production
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Cane Creek 0.3 to 4.1	3.8 miles	KY488772_00	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Oxygen, Dissolved	Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts

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Cane Creek 0.0 to 4.4	4.4 miles	KY488771_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production
Cane Run 0.0 to 3.0	3 miles	KY488799_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_01	River	Kentucky	Kentucky River	05100205	Scott	5-PS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production

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Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown
Cane Run 0.0 to 7.3	7.3 miles	KY488794_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Specific Conductance	Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations)
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

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Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	River	Green/Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production; Source Unknown
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	River	Green/Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown
Caney Creek 0.0 to 4.2	4.2 miles	KY511201_00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining

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Caney Creek 0.0 to 4.2	4.2 miles	KY511201_00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Acid Mine Drainage; Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Acid Mine Drainage; Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage; Surface Mining
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted)
Caney Creek 1.4 to 5.3	3.9 miles	KY488828_01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Caney Creek 3.6 to 7.6	4 miles	KY488838_02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges

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Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Caney Fork 0.0 to 4.0	4 miles	KY488864_01	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Caney Fork 0.0 to 4.0	4 miles	KY488864_01	River	Salt/Licking	Salt River	05140102	Nelson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_02	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_02	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Caneyville City Reservoir	75 acres	KY488877_00	Fresh-water Reservoir	Green/Tradewater	Green River	05110004	Grayson	5-PS	DWS	Nutrient/Eutrophication Biological Indicators	Natural Sources

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Caneyville City Reservoir	75 acres	KY488877_00	Fresh-water Reservoir	Green/ Tradewater	Green River	05110004	Grayson	5-PS	SCR	Nutrient/ Eutrophication Biological Indicators	Shallow Lake/Reservoir Basin
Caneyville City Reservoir	75 acres	KY488877_00	Fresh-water Reservoir	Green/ Tradewater	Green River	05110004	Grayson	5-PS	SCR	Sedimentation/ Siltation	Shallow Lake/Reservoir Basin
Cannon Creek 0.0 to 1.8	1.8 miles	KY488885_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Chromium (total)	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Copper	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	PCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	SCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Zinc	Source Unknown
Carpenter Lake	64 acres	KY488966_00	Fresh-water Reservoir	Green/ Tradewater	Ohio River	05140201	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Upstream Source

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Carpenter Lake	64 acres	KY488966_00	Fresh-water Reservoir	Green/Tradewater	Ohio River	05140201	Daviess	5-PS	WAH	Oxygen, Dissolved	Agriculture; Upstream Source
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	River	Kentucky	Kentucky River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Total Suspended Solids (TSS)	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Carr Fork Reservoir	710 acres	KY488975_00	Fresh-water Reservoir	Kentucky	Kentucky River	05100201	Knott	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	River	Salt/Licking	Salt River	05140103	Washington	5-NS	PCR	Fecal Coliform	Agriculture
Cartwright Creek 12.7 to 15.3	2.6 miles	KY489030_03	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Casey Creek 0.6 to 9.7	9.1 miles	KY489044_00	River	Green/Tradewater	Ohio River	05140202	Union	5-NS	WAH	Total Dissolved Solids	Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted)
Casey Creek 0.0 to 3.6	3.6 miles	KY489043_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Sources Outside State Jurisdiction or Borders
Cash Creek 0.0 to 5.8	5.8 miles	KY489056_01	River	Green/Tradewater	Green River	05110005	Henderson	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Caskey Fork 0.0 to 2.3	2.3 miles	KY489059_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Cause Unknown	Source Unknown

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Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Turbidity	Loss of Riparian Habitat; Managed Pasture Grazing
Cat Creek 0.0 to 8.0	8 miles	KY511245_01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Catron Creek 0.0 to 8.9	8.9 miles	KY489099_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Coal Mining; Non-Point Source
Cave Run Lake	8270 acres	KY511277_00	Fresh-water Reservoir	Salt/Licking	Licking River	05100101	Rowan	5-PS	FC	Methylmercury	Source Unknown
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Silviculture Activities
Cedar Creek 12.0 to 16.1	4.1 miles	KY489183_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Cause Unknown	Source Unknown
Cedar Creek 4.3 to 11.1	6.8 miles	KY489183_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown
Cedar Creek 4.3 to 11.1	6.8 miles	KY489183_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Source Unknown

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Cedar Creek Lake	784 acres	KYCLN211_00	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Lincoln	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Chambers Fork 0.7 to 1.1	0.4 miles	KY489323_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Champion Creek 0.0 to 1.5	1.5 miles	KY489324_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Cause Unknown	Site Clearance (Land Development or Redevelopment)
Chaplin River 0.0 to 23.1	23.1 miles	KY489350_01	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	PCR	Escherichia coli	Agriculture
Chaplin River 63.0 to 69.7	6.7 miles	KY489350_04	River	Salt/Licking	Salt River	05140103	Mercer	5-NS	WAH	Cause Unknown	Source Unknown
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	River	Salt/Licking	Salt River	05140103	Anderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	River	Salt/Licking	Salt River	05140103	Anderson	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

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Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	SCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Other	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Chickasaw Park Pond	1.5 acres	KYDOW015_00	Pond	Salt/Licking	Salt River	05140101	Jefferson	5-PS	FC	Methylmercury	Source Unknown
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Cause Unknown	Non-irrigated Crop Production

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Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Clarks River 13.1 to 20.5	7.4 miles	KY489552_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
Clarks River 13.1 to 20.5	7.4 miles	KY489552_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
Clarks River 4.9 to 13.1	8.2 miles	KY489552_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 51.8 to 55.1	3.3 miles	KY489552_07	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	PCR	Escherichia coli	Source Unknown
Clarks River 55.6 to 64.7	9.1 miles	KY489552_08	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Phosphorus (Total)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Ammonia (Un- ionized)	Municipal Point Source Discharges; Source Unknown; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Municipal Point Source Discharges; Streambank Modifications/ Destabilization
Clarks Run 0.0 to 2.1	2.1 miles	KY489555_01	River	Salt/Licking	Licking River	05100101	Mason	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Urban Runoff/Storm Sewers

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Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/Siltation	Streambank Modifications/ Destabilization
Clary Branch 0.0 to 1.9	1.9 miles	KY489562_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/ Parkland
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-NS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production
Claylick Creek 10.7 to 13.9	3.2 miles	KY489591_03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-PS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

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Claylick Creek 2.4 to 3.4	1 miles	KY489590_00	River	Green/ Tradewater	Green River	05110001	Warren	5-PS	WAH	Sedimentation/ Siltation	Channelization; Habitat Modification - Other than Hydromodification
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Phosphorus (Total)	Agriculture
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Clear Creek 0 to 4.4	4.4 miles	KY489613_00	River	Salt/Licking	Salt River	05140103	Hardin	5-NS	WAH	Cause Unknown	Source Unknown
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Cause Unknown	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Marshall	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Marshall	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

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Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Surface Mining
Clear Creek 26.2 to 26.5	0.3 miles	KY489610_03	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Surface Mining
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Surface Mining
Clover Creek 7.7 to 9.2	1.5 miles	KY489703_00	River	Green/ Tradewater	Ohio River	05140201	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations)
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_05	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Coal Mining
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_06	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Sewage Discharges in Unsewered Areas; Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sewage Discharges in Unsewered Areas; Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Sewage Discharges in Unsewered Areas; Surface Mining
Clover Fork 18.2 to 28.2	10 miles	KY511423_04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Total Suspended Solids (TSS)	Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Coffee Creek 0.0 to 4.1	4.1 miles	KY489772_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/ Destabilization
Coldwater Fork 2.1 to 5.3	3.2 miles	KY489804_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater
Coldwater Fork 2.1 to 5.3	3.2 miles	KY489804_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

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Colliers Creek 0.0 to 4.1	4.1 miles	KY485675_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Colliers Creek 0.0 to 4.1	4.1 miles	KY485675_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Surface Mining
Collins Fork 2.4 to 6.3	3.9 miles	KY511474_00	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Cooper Run 0.0 to 10.15	10.15 miles	KY490062_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Cooper Run 0.0 to 10.15	10.15 miles	KY490062_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Coal Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nickel	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 MILES	KY490083_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Source Unknown
Corbin City Reservoir	138 acres	KYCLN052_01	Fresh-water Reservoir	Tenn/Miss/Cumberland	Upper Cumberland	05130100	Laurel	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges
Corbin City Reservoir	139 acres	KYCLN052_00	Fresh-water Reservoir	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges

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Cox Creek 11.4 to 18.6	7.2 miles	KY490220_03	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access
Cox Creek 11.4 to 18.6	7.2 miles	KY490220_03	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Cox Creek 0.0 to 4.7	4.7 miles	KY490220_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Non-Point Source
Cox Creek 18.6 to 23.9	5.3 miles	KY490220_04	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Cox Creek 18.6 to 23.9	5.3 miles	KY490220_04	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source
Cox Creek 4.7 to 11.4	6.7 miles	KY490220_02	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
Cox's Run 0.0 to 3.4	3.4 miles	KY490231_00	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Cox's Run 0.0 to 3.4	3.4 miles	KY490231_00	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

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Crab Creek 0.0 to 4.8	4.8 miles	KY490240_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Grazing in Riparian or Shoreline Zones
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Sedimentation/Siltation	Agriculture; Grazing in Riparian or Shoreline Zones
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Cause Unknown	Agriculture
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7	14.7 miles	KY490248_01	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Craig Creek 5.8 to 6.8	1 miles	KY511617_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/ Destabilization
Craintown Branch 0.0 to 3.6	3.6 miles	KY490277_00	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)

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Crane Creek 0.0 to 2.9	2.9 miles	KY511622_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization
Crane Creek 0.0 to 5.4	5.4 miles	KY511620_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
Crane Creek 1.4 to 2.0	0.6 miles	KY490282_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Cause Unknown	Impacts from Abandoned Mine Lands (Inactive)
Cranks Creek 1.6 to 2.4	0.8 miles	KY490293_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Crocus Creek 14.0 to 17.15	3.15 miles	KY490359_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Adair	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	PCR; SCR; WAH	pH	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Mine Tailings
Crooked Creek 0.0 to 12.1	12.1 miles	KY511649_ 01	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Crooked Creek 0.0 to 3.0	3 miles	KY490376_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 0.0 to 9.1	9.1 miles	KY490377_ 00	River	Salt/Licking	Licking River	05100101	Nicholas	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 5.6 to 12.8	7.2 miles	KY490379_ 00	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Cause Unknown	Source Unknown
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_ 02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	PCR	Fecal Coliform	Source Unknown

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Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Cruises Creek 0.0 to 8.7	8.7 miles	KY490420_01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Cause Unknown	Source Unknown
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_01	River	Kentucky	Kentucky River	05100201	Lee	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_01	River	Kentucky	Kentucky River	05100201	Lee	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills
Cumberland River 671.9 to 682.3	10.4 miles	KY517018_09	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Cumberland River 569.4 to 575.1	5.7 miles	KY517018_03.5	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Specific Conductance	Surface Mining
Cumberland River 653.25 to 659.95	6.7 miles	KY517018_08	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Cause Unknown	Source Unknown
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges

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Cutshin Creek 9.7 to 10.7	1 miles	KY511693_01	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Cypress Creek 0.0 to 6.0	6 miles	KY490526_01	River	Green/ Tradewater	Green River	05110006	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 6.0	6 miles	KY490526_01	River	Green/ Tradewater	Green River	05110006	McLean	5-NS	SCR	Fecal Coliform	Source Unknown
Cypress Creek 0.1 to 6.2	6.1 miles	KY490528_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Iron	Industrial Point Source Discharge; Urban Runoff/Storm Sewers
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Source Unknown
Cypress Creek 7.7 to 9.7	2 miles	KY490528_03	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Cause Unknown	Source Unknown

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Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_03	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Specific Conductance	Non-Point Source; Surface Mining
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_03	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Non-Point Source; Surface Mining
Daniels Creek 0.0 to 5.7	5.7 miles	KY490575_00	River	Green/Tradewater	Green River	05110004	Breckinridge	5-PS	WAH	Cause Unknown	Source Unknown
David Fork 0.0 to 1.65	1.65 miles	KY490622_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing
Deer Creek 0.0 to 8.1	8.1 miles	KY490770_01	River	Green/Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Cause Unknown	Agriculture
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	River	Green/Tradewater	Green River	05110005	Webster	5-NS	WAH	Iron	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	River	Green/Tradewater	Green River	05110005	Webster	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Fecal Coliform	Unspecified Domestic Waste
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Selenium	Mountaintop Mining; Surface Mining
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9	10.5 miles	KY490527_01	River	Green/Tradewater	Ohio River	05140203	Union	5-NS	PCR	Fecal Coliform	Agriculture

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_01	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Dewey Lake	1100 acres	KY490849_00	Fresh-water Reservoir	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining; Upstream Source
Doe Run 4.1 to 7.9	3.8 miles	KY490968_00	River	Salt/Licking	Salt River	05140104	Meade	5-NS	PCR	Fecal Coliform	Source Unknown
Doe Run Lake	49 acres	KYCLN082_00	Fresh-water Reservoir	Salt/Licking	Licking River	05100102	Kenton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown; Upstream Source
Doe Run Lake	49 acres	KYCLN082_00	Fresh-water Reservoir	Salt/Licking	Licking River	05100102	Kenton	5-PS	WAH	Oxygen, Dissolved	Source Unknown; Upstream Source
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR	Fecal Coliform	Source Unknown
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	SCR	Fecal Coliform	Source Unknown
Donaldson Creek 7.2 to 9.3	2.1 miles	KY491000_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Cause Unknown	Dredge Mining
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	River	Green/Tradewater	Green River	05110001	Hardin	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	River	Green/Tradewater	Green River	05110001	Hardin	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation
Doty Branch 0.0 to 2.3	2.3 miles	KY492236-12.8_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Animal Feeding Operations (NPS)
Drakes Creek 0.0 to 23.4	23.4 miles	KY491096_01	River	Green/Tradewater	Green River	05110002	Warren	5-PS	FC	Polychlorinated Biphenyls	Industrial Point Source Discharge
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Sedimentation/Siltation	Off-road Vehicles
Dry Creek 0.0 to 3.7	3.7 miles	KY491173_00	River	Green/Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing; Non-irrigated Crop Production
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations)
Dry Fork 1.2 to 4.5	3.3 miles	KY491206_01	River	Sandy/Tygarts	Little Sandy River	05090104	Lawrence	5-PS	WAH	Sedimentation/Siltation	Silviculture Harvesting

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Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Oxygen, Dissolved	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access
Dry Fork Creek 5.8 to 6.6	0.8 miles	KY491216_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Christian	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Cause Unknown	Managed Pasture Grazing; Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing; Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing; Source Unknown

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Duck Fork 0.0 to 4.8	4.8 miles	KY511938_01	River	Kentucky	Kentucky River	05100204	Lee	5-PS	WAH	Cause Unknown	Source Unknown
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	River	Green/Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	River	Green/Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	River	Green/Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Specific Conductance	Agriculture
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
East Branch 0.0 to 1.3	1.3 miles	KY491428_00	River	Green/Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
East Fork Beech Fork 0.0 to 1.9	1.9 miles	KY491439_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown

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East Fork Cox Creek 0.0 to 4.3	4.3 miles	KY491454_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
East Fork Little Sandy River 24.9 to 26.4	1.5 miles	KY491469_03	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	PCR	Escherichia coli	Loss of Riparian Habitat; Non-Point Source
East Fork Little Sandy River 27.6 to 30.9	3.3 miles	KY491469_05	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/Siltation	Legacy Coal Extraction; Loss of Riparian Habitat
East Fork Little Sandy River 4.7 to 14.2	9.5 miles	KY491469_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-PS	PCR	Escherichia coli	Agriculture
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_02	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_02	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_02	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Specific Conductance	Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_01	River	Green/Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Oxygen, Dissolved	Drought-related Impacts; Loss of Riparian Habitat
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_01	River	Green/Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization
East Fork of Deer Creek 0.0 to 6.8	6.8 miles	KY491455_00	River	Green/Tradewater	Green River	05110005	Webster	5-NS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining

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East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	River	Green/Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat
East Fork of Lynn Camp Creek 0.0 to 4.5	4.5 miles	KY511990_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
East Fork Otter Creek 0.0 to 2.7	2.7 miles	KY491474_00	River	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
East Hickman Creek 4.2 to 10.2	6 miles	KY491487_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
East Hickman Creek 4.2 to 10.2	6 miles	KY491487_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
East Prong of Indian Camp Creek 0.0 to 6.25	6.25 miles	KY491498_01	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/Siltation	Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_01	River	Green/Tradewater	Green River	05110002	Barren	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_01	River	Green/Tradewater	Green River	05110002	Barren	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

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Eddy Creek 10.25 to 13.15	2.9 miles	KY491550_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Nitrates	Agriculture; Rural (Residential Areas)
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Phosphorus (Total)	Agriculture; Rural (Residential Areas)
Elk Creek 0.0 to 1.6	1.6 miles	KY491658_00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Cause Unknown	Source Unknown
Elk Creek 0.0 to 5.4	5.4 miles	KY491656_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Elk Creek 7.6 to 10.6	3 miles	KY491656_02	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Elk Fork 0.0 to 4.9	4.9 miles	KY512038_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Silviculture Activities
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_03	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_03	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining

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Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-NS	PCR	Escherichia coli	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Cause Unknown	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 31.1 to 33.1	1.6 miles	KY491660_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-NS	PCR	Escherichia coli	Source Unknown; Unspecified Urban Stormwater
Elk Pond Creek 0.0 to 4.5	4.5 miles	KY491671_00	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown

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Elk Pond Creek 0.0 to 4.5	4.5 miles	KY491671_00	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Source Unknown
Elk Spring Creek 0.0 to 7.8	7.8 miles	KY491678_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Wayne	5-NS	WAH	Cause Unknown	Source Unknown
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/Siltation	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Elkhorn Creek 0.0 to 18.2	18.2 miles	KY491690_01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	FC	Methylmercury	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Elmer Davis Lake	149 acres	KY2567392_00	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Elmer Davis Lake	149 acres	KY2567392_00	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Oxygen, Dissolved	Agriculture
Everman Cr 0.0 to 5.7	5.7 miles	KY491855_01	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Ewing Creek 0.1 to 2.9	2.8 miles	KY491860_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Fannins Branch 1.5 to 3.4	1.9 miles	KY491979_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture
Ferguson Creek 1.2 to 2.3	1.1 miles	KY492034_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Ferris Fork Creek 0.0 to 1.2	1.2 miles	KY492053_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat
Fish Lake	27 acres	KY492106_00	Freshwater Lake	Tenn/Miss/Cumberland	Ohio River	05140206	Ballard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Fishtrap Reservoir	1143 acres	KY492142_00	Freshwater Reservoir	Sandy/Tygart	Big Sandy River	05070202	Pike	5-PS	FC	PCB in Fish Tissue	Upstream Source

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Flat Creek 0.0 to 0.9	0.9 miles	KY492182_00	River	Salt/Licking	Licking River	05100101	Bath	5-NS	PCR	Fecal Coliform	Source Unknown
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Oil and Grease	Package Plant or Other Permitted Small Flows Discharges
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	PCR; SCR; WAH	pH	Acid Mine Drainage; Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Legacy Coal Extraction; Loss of Riparian Habitat
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Specific Conductance	Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Flat Creek 0.0 to 7.1	7.1 miles	KY492179_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Non-Point Source

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Flat Run 2.2 to 9.05	6.85 miles	KY492217_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Flat Run 2.2 to 9.05	6.85 miles	KY492217_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Iron	Mountaintop Mining; Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_02	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers

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Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Floyds Fork 0.0 to 11.7	11.7 miles	KY492278_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 11.7 to 24.2	12.5 miles	KY492278_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Floyds Fork 11.7 to 24.2	12.5 miles	KY492278_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Site Clearance (Land Development or Redevelopment)

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Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-NS	SCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-PS	WAH	Sedimentation/ Siltation	Municipal (Urbanized High Density Area); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Fourmile Creek 0.2 to 8.5	8.3 miles	KY492390_01	River	Salt/Licking	Ohio River	05090201	Campbell	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	PCR	Fecal Coliform	Source Unknown

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Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	SCR	Fecal Coliform	Source Unknown
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Natural Sources
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_03	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Activities
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_03	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Harvesting
Fox Creek 10.1 to 16.0	5.9 miles	KY512230_02	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Cause Unknown	Source Unknown
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

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Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Froman Creek 0.0 to 1.25	1.25 miles	KY492574_01	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access
Frozen Creek 0.0 to 13.9	13.9 miles	KY492582_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Garner Cr 0.0 to 1.8	1.8 miles	KY492710_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing; Silviculture Harvesting
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Source Unknown
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries

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Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Specific Conductance	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Gilbert Creek 1.7 to 3.5	1.8 miles	KY492817_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Gilles Ditch 0.0 to 5.4	5.4 miles	KY501760-3.5_00	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Gilmore Creek 0.0 to 5.9	5.9 miles	KY492855_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Sedimentation/Siltation	Channelization
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_00	River	Green/Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Managed Pasture Grazing
Goodin Creek 2.1 to 2.6	0.5 miles	KY492978_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Goodman Springs (9000-0230)	1 miles	KY499512-59.65_00	Spring	Green/Tradewater	Green River	05110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Goose Creek 0.0 to 1.85	1.8 miles	KY493013_01	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Goose Creek 0.0 to 1.85	1.8 miles	KY493013_01	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Goose Creek 0.0 to 1.9	1.9 miles	KY493006_00	River	Salt/Licking	Ohio River	05090201	Bracken	5-PS	WAH	Cause Unknown	Natural Sources; Surface Mining

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Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Goose Creek 0.0 to 4.4	4.4 miles	KY493008_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat
Goose Creek 0.0 to 8.3	8.3 miles	KY512349_01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 1.85 to 4.2	2.35 miles	KY493013_02	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations)

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Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Source Unknown
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Goose Pond Ditch/Wardens Slough 0.0 to 13.6	13.6 miles	KY452377-114.5_00	River	Green/ Tradewater	Ohio River	05140203	Union	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	Spring	Green/ Tradewater	Green River	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	Spring	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	Spring	Green/ Tradewater	Green River	05110002	Warren	5-PS	PCR	Escherichia coli	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	Spring	Green/ Tradewater	Green River	05110002	Warren	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Grassy Branch 0.0 to 0.55	0.55 miles	KY512376_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Jackson	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Grassy Creek 2.1 to 4.4	2.3 miles	KY493149_00	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/Siltation	Channelization; Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)

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Grayson Lake	1512 acres	KY493224_00	Fresh-water Reservoir	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Agriculture; Coal Mining
Green Creek 0.0 to 8.15	8.15 miles	KY493267_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Specific Conductance	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source
Green Creek 8.45 to 9.7	1.25 miles	KY493267_02	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Specific Conductance	Agriculture; Loss of Riparian Habitat; Non-Point Source
Green River 210.5 to 250.3	39.8 miles	KY493284_07	River	Green/Tradewater	Green River	05110001	Hart	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River 283.3 to 309.0	25.7 miles	KY493284_12	River	Green/Tradewater	Green River	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Green River 71.9 to 94.4	22.5 miles	KY493284_04	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	PCR	Fecal Coliform	Source Unknown
Green River Reservoir	8210 acres	KY493295_00	Fresh-water Reservoir	Green/Tradewater	Green River	05110001	Taylor	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River Reservoir	8210 acres	KY493295_00	Fresh-water Reservoir	Green/Tradewater	Green River	05110001	Taylor	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Groves Creek 0.0 to 6.4	6.4 miles	KY493444_00	River	Green/Tradewater	Green River	05110005	Webster	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production

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2012 303(d) List

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Guess Creek 0.0 to 2.6	2.6 miles	KY493458_00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Guist Creek 15.7 to 28.0	12.3 miles	KY493463_02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater; Upstream Impoundments (e.g., PI- 566 NRCS Structures)
Guist Creek 15.7 to 28.0	12.3 miles	KY493463_02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Lans); Unspecified Urban Stormwater
Guist Creek Lake	317 acres	KY493464_00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Guist Creek Lake	317 acres	KY493464_00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Guist Creek Lake	317 acres	KY493464_00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)
Guist Creek Lake	317 acres	KY493464_00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Oxygen, Dissolved	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)
Gunpowder Creek 0.0 to 15.0	15 miles	KY493502_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment)

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2012 303(d) List

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Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Unspecified Urban Stormwater
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater
Gunpowder Creek 18.9 to 21.6	2.7 miles	KY493502_03	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Cause Unknown	Unspecified Urban Stormwater
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Halls Creek 6.8 to 9.6	2.8 miles	KY493602_01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Halls Creek 6.8 to 9.6	2.8 miles	KY493602_01	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR; SCR; WAH	pH	Source Unknown
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Phosphorus (Total)	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

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Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_ 02	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Hardwick Creek 0.0 to 3.2	3.2 miles	KY512561_ 00	River	Kentucky	Kentucky River	05100204	Powell	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); On- site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hardy Creek 1.6 to 5.6	4 miles	KY493737_ 02	River	Salt/Licking	Salt River	05140101	Trimble	5-PS	WAH	Cause Unknown	Source Unknown
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_ 01	River	Salt/Licking	Salt River	05140101	Trimble	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_ 01	River	Salt/Licking	Salt River	05140101	Trimble	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers
Harriett Branch 0.6 to 2.3	1.7 miles	KY493794_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Cause Unknown	Source Unknown

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Harris Branch 0.25 to 0.6	0.35 miles	KY493796_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Impacts from Abandoned Mine Lands (Inactive)
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	River	Salt/Licking	Salt River	05140101	Oldham	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal (Urbanized High Density Area)
Haskell Branch 1.2 to 4.5	3.3 miles	KY493854_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Hatchell Branch 0.0 to 1.0	1 miles	KY512583_00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities
Hatton Creek 0.0 to 4.2	4.2 miles	KY512588_00	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Havana Creek 0.0 to 1.9	1.9 miles	KY493874_00	River	Green/ Tradewater	Green River	05110005	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

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Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Hayden Creek 0.0 to 1.3	1.3 miles	KY493903_ 01	River	Salt/Licking	Salt River	05140103	Mercer	5-NS	WAH	Other	Source Unknown
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Sedimentation/ Siltation	Channelization
Hazel Patch Creek 0.0 to 1.8	1.8 miles	KY512623_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Head of Rough River Spring 154.85 to 155.8	0.95 miles	KY502390_ 07	Spring	Green/ Tradewater	Green River	05110004	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Head of Rough River Spring 154.85 to 155.8	0.95 miles	KY502390_ 07	Spring	Green/ Tradewater	Green River	05110004	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Hector Branch 0.0 to 5.5	5.5 miles	KY512629_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Cause Unknown	Source Unknown
Hematite Lake	85 acres	KY494017_ 00	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Source Unknown

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Hematite Lake	85 acres	KY494017_00	Fresh-water Reservoir	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Herrington Lake	2940 acres	KY494090_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Garrard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Herrington Lake	2940 acres	KY494090_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Herrington Lake	2940 acres	KY494090_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Hickman Creek 0.0 to 6.0	6 miles	KY494112_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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Highland Creek 0.0 to 7.6	7.6 miles	KY494210_01	River	Green/Tradewater	Ohio River	05140202	Union	5-PS	WAH	Cause Unknown	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_01	River	Green/Tradewater	Ohio River	05140202	Union	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	River	Green/Tradewater	Ohio River	05140202	Henderson	5-NS	PCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	River	Green/Tradewater	Ohio River	05140202	Henderson	5-NS	SCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	River	Green/Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Iron	Coal Mining (Subsurface); Petroleum/Natural Gas Activities
Hinkston Creek 0.0 to 12.6	12.6 miles	KY494298_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Source Unknown
Hinkston Creek 20.8 to 31.0	10.2 miles	KY494298_03	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_06	River	Salt/Licking	Licking River	05100102	Montgomery	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_06	River	Salt/Licking	Licking River	05100102	Montgomery	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones
Hite Creek 0.0 to 5.5	5.5 miles	KY494393_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Cause Unknown	Municipal Point Source Discharges
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_01	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Cause Unknown	Source Unknown

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Holly Creek 0.0 to 6.2	6.2 miles	KY494406_01	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills; Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Non-Point Source
Horse Creek 0.0 to 8.3	8.3 miles	KY512793_01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining
Horsepen Fork 0.0 to 1.2	1.2 miles	KY494597_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Houston Creek 0.0 to 9.0	9 miles	KY494646_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Houston Creek 9.0 to 12.7	3.7 miles	KY494646_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses
Howard Branch 0.0 to 2.0	2 miles	KY494651_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Humphrey Creek 0.0 to 3.7	3.7 miles	KY494758_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-PS	WAH	Cause Unknown	Source Unknown
Humphrey Creek 3.7 to 11.6	7.9 miles	KY494758_02	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-PS	PCR	Fecal Coliform	Source Unknown
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Coal Mining; Source Unknown
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Hurricane Creek 0.0 to 3.7	3.7 miles	KY494824_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-irrigated Crop Production
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_01	River	Sandy/Tygarts	Little Sandy River	05090103	Boyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_01	River	Sandy/Tygarts	Little Sandy River	05090103	Boyd	5-NS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Nitrogen (Total)	Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Nitrogen (Total)	Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_02	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_01	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_01	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_01	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non-Point Source
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	River	Green/Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Non-Point Source
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post- development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining
Indian Creek 0.0 to 4.2	4.2 miles	KY494919_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Cause Unknown	Dredging (e.g., for Navigation Channels)
Indian Creek 0.0 to 4.5	4.5 miles	KY512903_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR; SCR; WAH	pH	Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)
Island Creek 0.0 to 1.7	1.7 miles	KY495044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Island Creek 0.0 to 1.7	1.7 miles	KY495044_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Island Creek 5.6 to 10.3	4.7 miles	KY495045_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Jacobs Fork 3.6 to 5.7	2.1 miles	KY495138_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/Siltation	Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels); Managed Pasture Grazing
Jacobs Fork 0.0 to 2.05	2.05 miles	KY495138_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Cause Unknown	Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle Access

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Jacobs Fork 0.0 to 2.05	2.05 miles	KY495138_01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Unrestricted Cattle Access
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels); Habitat Modification - Other than Hydromodification; Source Unknown
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_00	River	Green/ Tradewater	Green River	05110004	Grayson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI- 566 NRCS Structures)
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_00	River	Green/ Tradewater	Green River	05110004	Grayson	5-NS	WAH	Sedimentation/ Siltation	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Jenny Hollow Branch 0.0 to 2.4	2.4 miles	KY495212_00	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/Siltation	Channelization; Dredging (e.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Jennys Branch 0.0 to 6.0	6 miles	KY512993_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/Siltation	Silviculture Harvesting; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Jennys Creek 5.3 to 10.8	5.5 miles	KY495218_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining
Jenny's Creek 0.0 to 3.1	3.1 miles	KY495218_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Jenny's Creek 0.0 to 3.1	3.1 miles	KY495218_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Specific Conductance	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Joes Branch 0.0 to 4.4	4.4 miles	KY495307_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Joes Run 0.0 to 4.8	4.8 miles	KY495312_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Impacts from Hydrostructure Flow Regulation/Modification; Sand/Gravel/Rock Mining or Quarries; Surface Mining; Upstream Impoundments (e.g., PI-566 NRCS Structures)
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Specific Conductance	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Total Dissolved Solids	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_02	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_02	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_02	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non-Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Specific Conductance	Agriculture; Non-Point Source
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Coal Mining
Johnson Creek 6.0 to 8.6	2.6 miles	KY495397_02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas)
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Residential Districts
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Residential Districts

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Jonathan Creek 7.4 to 10.9	3.5 miles	KY495443_01	River	Tenn/Miss/Cumberland	Tennessee River	06040005	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Jones Creek 0.0 to 3.9	3.9 miles	KY495492_00	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Cause Unknown	Source Unknown
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/Siltation	Channelization; Coal Mining; Post-development Erosion and Sedimentation
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Judy Creek 0.0 to 1.5	1.5 miles	KY513089_01	River	Kentucky	Kentucky River	05100204	Powell	5-NS	WAH	Cause Unknown	Source Unknown
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_01	River	Sandy/Tygarts	Big Sandy River	05070204	Johnson	5-NS	WAH	Cause Unknown	Source Unknown
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_01	River	Sandy/Tygarts	Big Sandy River	05070204	Johnson	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-Point Source; Source Unknown
Kenady Creek 0.0 to 4.0	4 miles	KY495638_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Kennedy Creek 0.0 to 5.7	5.7 miles	KY495646_01	River	Salt/Licking	Licking River	05100101	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Kentucky River 0.3 to 11.5	11.2 miles	KY513130_01	River	Kentucky	Kentucky River	05100205	Owen	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics; Source Unknown
Kentucky River 121.1 to 138.5	17.4 miles	KY513130_08	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 153.75 to 209.8	56.05 miles	KY513130_10	River	Kentucky	Kentucky River	05100204	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 53.2 to 66.95	13.75 miles	KY513130_03	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 67.0 to 84.25	17.25 miles	KY513130_04	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 99.1 to 119.9	20.8 miles	KY513130_06	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Key Creek 0.0 to 1.9	1.9 miles	KY495709_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Cause Unknown	Source Unknown
Kilburn Fork 0.9 to 6.2	5.3 miles	KY513138_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Kincaid Lake	162 acres	KYCLN045_00	Fresh-water Reservoir	Salt/Licking	Licking River	05100101	Pendleton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Kincaid Lake	162 acres	KYCLN045_00	Fresh-water Reservoir	Salt/Licking	Licking River	05100101	Pendleton	5-PS	WAH	Oxygen, Dissolved	Agriculture
Knob Creek 1.3 to 3.0	1.7 miles	KY495836_00	River	Tenn/Miss/Cumberland	Mississippi River	08010202	Graves	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Knoblick Creek 0.0 to 2.1	2.1 miles	KY495848_00	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown

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Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland Grazing
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Total Dissolved Solids	Managed Pasture Grazing; Non-irrigated Crop Production
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	FC	PCB in Fish Tissue	Upstream Source
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Temperature, Water	Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown
Lacy Creek 0.0 to 7.25	7.25 miles	KY495895_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Lake Cumberland	50250 acres	KY511679_00	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Russell	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Lake Jericho	137 acres	KY495230_00	Fresh-water Reser-voir	Salt/Licking	Ohio River	05140101	Henry	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Lake Jericho	137 acres	KY495230_00	Fresh-water Reser-voir	Salt/Licking	Ohio River	05140101	Henry	5-NS	WAH	Oxygen, Dissolved	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Lake Luzerne	55 acres	KY497358_00	Fresh-water Reser-voir	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	DWS	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lake Malone	826 acres	KY497476_00	Fresh-water Reser-voir	Green/ Tradewater	Green River	05110003	Logan	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Lake Reba	78 acres	KY501636_01	Fresh-water Reser-voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses; Unspecified Urban Stormwater
Lake Reba	78 acres	KY501636_01	Fresh-water Reser-voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Oxygen, Dissolved	Golf Courses; Unspecified Urban Stormwater
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Surface Mining
Laurel Creek 3.8 to 4.8	1 miles	KY513241_00	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Non-irrigated Crop Production

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	CAH	Cause Unknown	Package Plant or Other Permitted Small Flows Discharges; Source Unknown
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	CAH	Sedimentation/ Siltation	Package Plant or Other Permitted Small Flows Discharges; Source Unknown
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Silviculture Activities
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Turbidity	Dredging (e.g., for Navigation Channels); Silviculture Activities
Laurel Fork of Clear Fork 10.3 to 13.8	3.5 miles	KY496040_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Woodlot Site Clearance
Laurel Fork of Clear Fork 4.25 to 10.3	6.05 miles	KY496040_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities
Laurel River 33.95 to 44.7	10.75 miles	KY513263_04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Laurel River 33.95 to 44.7	10.75 miles	KY513263_04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/ Siltation	Agriculture

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Laurel River 0.9 to 2.2	1.3 miles	KY513263_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	CAH	Temperature, Water	Dam or Impoundment; Upstream Source
Laurel River 23.7 to 24.9	1.2 miles	KY513263_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Laurel River 26.35 to 33.95	7.6 miles	KY513263_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Non-Point Source
Laurel River 26.35 to 33.95	7.6 miles	KY513263_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Cause Unknown	Source Unknown
Laurel River 26.35 to 33.95	7.6 miles	KY513263_03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Iron	Source Unknown
Leatherwood Creek 1.55 to 3.1	1.55 miles	KY496126_01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Cause Unknown	Source Unknown
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_01	River	Salt/Licking	Licking River	05100101	Mason	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_01	River	Salt/Licking	Licking River	05100101	Mason	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_03	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_03	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Urban Runoff/Storm Sewers
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_03	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 11.4 to 13.55	2.15 miles	KY496194_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR; SCR; WAH	pH	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

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Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Left Fork Howard's Creek (Lft Fk Redwine Crk) 0.0 to 1.2	1.2 miles	KY496251_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Island Creek 0.0 to 5.0	5 miles	KY513314_00	River	Kentucky	Kentucky River	05100203	Owsley	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Left Fork Malachi Branch 0.0 to 0.7	0.7 miles	KY496239_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR	Fecal Coliform	Source Unknown
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	pH	Surface Mining
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	SCR	Fecal Coliform	Source Unknown

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Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Non-Point Source; Surface Mining
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	PCR; SCR; WAH	pH	Surface Mining
Left Fork of Johnson Creek 0.0 to 3.15	3.15 miles	KY495397-5.9_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Upstream Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Crop Production (Crop Land or Dry Land)
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Turbidity	Coal Mining; Crop Production (Crop Land or Dry Land)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Specific Conductance	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_01	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source
Levisa Fork 116.0 to 124.4	8.4 miles	KY496312_08	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Levisa Fork 116.0 to 124.4	8.4 miles	KY496312_08	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	FC	Methylmercury	Source Unknown; Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	River	Sandy/Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR	Escherichia coli	Non-Point Source; Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Non-Point Source; Urban Runoff/Storm Sewers
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Municipal (Urbanized High Density Area); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 98.0 to 101.25	3.25 miles	KY496312_07	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers
Lewis Creek 0.0 to 11.8	11.8 miles	KY496327_00	River	Green/ Tradewater	Green River	05110003	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Surface Mining
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lick Branch 0.0 to 1.3	1.3 miles	KY496458_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Cause Unknown	Source Unknown

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Lick Branch 0.0 to 2.3	2.3 miles	KY496428_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Lick Creek 0.0 to 11.9	11.9 miles	KY496487_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Lick Creek 0.0 to 2.15	2.15 miles	KY496483_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather Discharges (Non-Point Source)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Oil and Grease	Source Unknown
Lick Creek 0.0 to 3.7	3.7 miles	KY496482_01	River	Green/Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production

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2012 303(d) List

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Lick Creek 0.0 to 5.4	5.4 miles	KY496473_01	River	Kentucky	Kentucky River	05100205	Carroll	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_01	River	Kentucky	Kentucky River	05100205	Carroll	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater
Lick Creek 0.00 to 3.65	6.7 miles	KY513397_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Lick Creek 2.15 to 4.6	2.45 miles	KY496483_02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Lick Creek 5.0 to 13.8	8.8 miles	KY496482_02	River	Green/Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Channelization

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries; Unspecified Urban Stormwater
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Unspecified Urban Stormwater
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-PS	CAH	Sedimentation/Siltation	Surface Mining
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-PS	CAH	Specific Conductance	Surface Mining
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_01	River	Salt/Licking	Ohio River	05140104	Breckinridge	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing; Non-irrigated Crop Production
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_01	River	Salt/Licking	Ohio River	05140104	Breckinridge	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Licking River 0.0 to 4.65	4.65 miles	KY513416_01	River	Salt/Licking	Licking River	05100101	Campbell	5-PS	PCR	Escherichia coli	Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Licking River 224.1 to 241.1	17 miles	KY513416_12	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Licking River 224.1 to 241.1	17 miles	KY513416_12	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 224.1 to 241.1	17 miles	KY513416_12	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Cause Unknown	Source Unknown
Licking River 264.85 to 271.45	6.6 miles	KY513416_13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation
Licking River 264.85 to 271.45	6.6 miles	KY513416_13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)
Licking River 264.85 to 271.45	6.6 miles	KY513416_13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Turbidity	Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation
Licking River 271.45 to 293.95	22.55 miles	KY513416_14	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Licking River 4.8 to 14.9	10.1 miles	KY513416_02	River	Salt/Licking	Licking River	05100101	Campbell	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 174.3 to 180.6	6.3 miles	KY513416_11	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 249.55 to 264.85	15.3 miles	KY513416_12.5	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Specific Conductance	Source Unknown
Licking River 293.95 to 302.2	8.25 miles	KY513416_15	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Licking River 76.65 to 88.8	12.15 miles	KY513416_06	River	Salt/Licking	Licking River	05100101	Harrison	5-NS	PCR	Escherichia coli	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Licking River 76.65 to 88.8	12.15 miles	KY513416_06	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 76.65 to 88.8	12.15 miles	KY513416_06	River	Salt/Licking	Licking River	05100101	Harrison	5-NS	WAH	Lead	Source Unknown
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels); Managed Pasture Grazing
Line Creek 2.3 to 5.5	3.2 miles	KY513433_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Pulaski	5-PS	WAH	Cause Unknown	Source Unknown
Line Fork 9.1 to 11.6	2.5 miles	KY513437_01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Line Fork 11.6 to 27.5	15.9 miles	KY513437_02	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	FC	PCB in Fish Tissue	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Beta particles and photon emitters	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Cause Unknown	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Copper	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Gross Alpha	Inappropriate Waste Disposal; Industrial Point Source Discharge

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Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Lead	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou de Chein 10.0 to 12.3	2.3 miles	KY496606_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land)
Little Bayou de Chien 0.0 to 1.3	1.3 miles	KY496606_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_01	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_01	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related)
Little Beaverdam Creek 0.0 to 11.4	11.4 miles	KY496615_01	River	Green/Tradewater	Green River	05110001	Warren	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities; Site Clearance (Land Development or Redevelopment)
Little Bee Creek 0.0 to 2.15	2.15 miles	KY496616_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Salinity	Source Unknown
Little Blackwater Creek 0.0 to 7.15	7.15 miles	KY513451_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Little Caney Creek 0.0 to 1.95	1.95 miles	KY513462_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining

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Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/Siltation	Legacy Coal Extraction
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Specific Conductance	Legacy Coal Extraction
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Total Dissolved Solids	Legacy Coal Extraction
Little Creek 0.0 to 5.3	5.3 miles	KY496690_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 3.4 to 6.0	2.6 miles	KY496700_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown

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Little Cypress Creek 0.0 to 2.0	2 miles	KY496699_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Little Cypress Creek 0.0 to 3.6	3.6 miles	KY496697_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Little Fork Little Sandy River 12.1 to 23.8	11.7 miles	KY496737_04	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Surface Mining

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Little Fork Little Sandy River 23.8 to 27.7	3.9 miles	KY496737_05	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-NS	WAH	Sedimentation/Siltation	Channelization; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting
Little Fork Little Sandy River 27.7 to 30.5	2.8 miles	KY496737_06	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Little Fork Little Sandy River 27.7 to 30.5	2.8 miles	KY496737_06	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Little Fork Little Sandy River 5.0 to 6.0	1 miles	KY496737_02	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Little Fork Little Sandy River 5.0 to 6.0	1 miles	KY496737_02	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Little Fork Little Sandy River 6.0 to 12.1	6.1 miles	KY496737_03	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Little Fork Little Sandy River 6.0 to 12.1	6.1 miles	KY496737_03	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Non-Point Source
Little Goose Creek 0.0 to 9.2	9.2 miles	KY496745_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers
Little Kentucky River 21.3 to 27.7	6.4 miles	KY496778_02	River	Salt/Licking	Ohio River	05140101	Henry	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Little Kentucky River 21.3 to 27.7	6.4 miles	KY496778_02	River	Salt/Licking	Ohio River	05140101	Henry	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Source Unknown
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little Laurel River 14.8 to 23.0	8.2 miles	KY513497_04	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	PCR	Escherichia coli	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/Siltation	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Phosphorus (Total)	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	River	Green/Tradewater	Green River	05110002	Butler	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	River	Green/Tradewater	Green River	05110002	Butler	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production

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Little Muddy Creek 5.2 to 6.6	1.4 miles	KY513506_01	River	Green/Tradewater	Green River	05110002	Butler	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Little Paint Creek 3.2 to 6.5	3.3 miles	KY496821_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR; SCR; WAH	pH	Surface Mining; Subsurface (Hardrock) Mining
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal; Surface Mining
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Inappropriate Waste Disposal; Surface Mining
Little Poplar Creek 0.0 to 2.8	2.8 miles	KY496830_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Little Poplar Creek 3.1 to 4.4	1.3 miles	KY496830_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas)
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	PCR; SCR; WAH	pH	Legacy Coal Extraction

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Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Iron	Legacy Coal Extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Manganese	Legacy Coal Extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Total Dissolved Solids	Legacy Coal Extraction
Little River 14.8 to 20.7	5.9 miles	KY496838_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Dam or Impoundment
Little River 14.8 to 20.7	5.9 miles	KY496838_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Agriculture
Little River 20.7 to 30.1	9.4 miles	KY496838_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	FC	Methylmercury	Source Unknown
Little River 20.7 to 30.1	9.4 miles	KY496838_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Municipal Point Source Discharges
Little River 20.7 to 30.1	9.4 miles	KY496838_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Phosphorus (Total)	Agriculture; Municipal Point Source Discharges
Little River 20.7 to 30.1	9.4 miles	KY496838_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Agriculture; Municipal Point Source Discharges
Little River 30.1 to 31.4	1.3 miles	KY496838_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Little River 30.1 to 31.4	1.3 miles	KY496838_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Little River 31.4 to 45.5	14.1 miles	KY496838_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land)
Little River 31.4 to 45.5	14.1 miles	KY496838_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Little River 31.4 to 45.5	14.1 miles	KY496838_04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown
Little River 45.5 to 57.7	12.2 miles	KY496838_05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Little River 45.5 to 57.7	12.2 miles	KY496838_05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little River 45.5 to 57.7	12.2 miles	KY496838_05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Little Sandy River 0.15 to 0.3	0.15 miles	KY496857_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Little Sandy River 12.1 to 20.1	8 miles	KY496857_03	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Source Unknown; Upstream Source
Little Sandy River 72.7 to 75.5	2.8 miles	KY496857_06	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining

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Little South Fork 0.0 to 4.4	4.4 miles	KY513527_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	Wayne	5-PS	WAH	Sedimentation/Siltation	Coal Mining (Subsurface); Surface Mining
Little Stoner Creek 0.0 to 5.0	5 miles	KY496870_00	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Source Unknown
Little Willard Creek 0.0 to 2.5	2.5 miles	KY513541_01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining
Little Willard Creek 0.0 to 2.5	2.5 miles	KY513541_01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment); Surface Mining
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

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Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-PS	WAH	Cause Unknown	Source Unknown
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source; Source Unknown
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Locust Creek 0.0 to 4.1	4.1 miles	KY496941_01	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown
Locust Creek 4.1 to 12.2	8.1 miles	KY496941_02	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	WAH	Cause Unknown	Source Unknown
Logan Run 0.0 to 2.3	2.3 miles	KY496986_00	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Long Branch 0.0 to 2.0	2 miles	KY497042_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining

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Long Branch 0.0 to 3.9	3.9 miles	KY497039_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Long Branch 0.0 to 3.9	3.9 miles	KY497039_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Specific Conductance	Agriculture; Coal Mining; Mountaintop Mining; Non- Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Long Creek 0.0 to 3.3	3.3 miles	KY497096_01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Non- irrigated Crop Production; Surface Mining
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	River	Green/ Tradewater	Green River	05110005	McLean	5-NS; 5-PS	PCR; SCR; WAH	pH	Acid Mine Drainage
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Long Fork 0.0 to 1.4	1.4 miles	KY497103_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Cause Unknown	Non-Point Source; Source Unknown
Long Fork 0.4 to 7.5	7.1 miles	KY497109_01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Long Lick Creek 0.0 to 10.5	10.5 miles	KY497124_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Long Lick Creek 4.6 to 7.2	2.6 miles	KY497125_00	River	Green/ Tradewater	Green River	05110004	Breckinridge	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

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Long Lick Creek 4.6 to 7.2	2.6 miles	KY497125_00	River	Green/Tradewater	Green River	05110004	Breckinridge	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Long Pond Branch 2.7 to 3.2	0.5 miles	KY497133_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Long Run 0.0 to 9.9	9.9 miles	KY497142_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Lost Creek 0.0 to 3.7	3.7 miles	KY497178_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost River Rise (9000-0054)	1 miles	KY495207-3.2_00	Spring	Green/Tradewater	Green River	05110002	Warren	5-NS	PCR	Escherichia coli	Source Unknown
Lotts Creek 0.4 to 1.0	0.6 miles	KY497201_01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lower Branch 3.4 to 9.3	5.9 miles	KY497263_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Specific Conductance	Coal Mining; Urban Runoff/Storm Sewers
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Cause Unknown	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)

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Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills; Unspecified Urban Stormwater
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater
Lower Stinson Creek 0.0 to 1.1	1.1 miles	KY497300_01	River	Sandy/Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production
Lulbegrud Creek 0.0 to 7.3	7.3 miles	KY497344_01	River	Kentucky	Kentucky River	05100204	Clark	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Source Unknown; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Oil and Grease	Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers

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Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Habitat Modification - Other than Hydromodification; Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Lynn Fork 0.0 to 2.4	2.4 miles	KY497379_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Mahurin Spring (9000-0202)	1 miles	KY504135-4.35_00	Spring	Green/Tradewater	Green River	05110004	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Cause Unknown	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Sedimentation/Siltation	Streambank Modifications/ Destabilization
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	PCR	Escherichia coli	Non-Point Source
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Marrowbone Creek 1.4 to 11.3	9.9 miles	KY497561_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Marrowbone Creek 1.4 to 11.3	9.9 miles	KY497561_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Marsh Creek 13.5 to 16.5	3 miles	KY513798_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Silviculture Activities
Marsh Creek 19.0 to 24.1	5.1 miles	KY513798_04	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Agriculture; Coal Mining
Martins Fork 10.2 to 15.85	5.65 miles	KY497628_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Cause Unknown	Dam or Impoundment; Upstream Source
Martins Fork 10.2 to 15.85	5.65 miles	KY497628_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Temperature, Water	Dam or Impoundment; Upstream Source
Martins Fork 19.4 to 28.85	9.45 miles	KY497628_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-NS	PCR	Fecal Coliform	Source Unknown
Mash Fork 0.0 to 3.0	3 miles	KY497650_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Massac Creek 4.1 to 4.7	0.6 miles	KY497670_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Mayfield Creek 2.2 to 5.5	3.3 miles	KY497717_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Cause Unknown	Source Unknown
Mayfield Creek 35.7 to 37.7	2.0 miles	KY497717_07	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/Siltation	Channelization
Mayfield Creek 59.5 to 61.9	2.4 miles	KY497717_12	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Calloway	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture; Source Unknown

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Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Iron	Source Unknown
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Lead	Source Unknown
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Mayfield Creek 16.5 to 36.1	19.6 miles	KY497717_06	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	McCracken	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat
Mayfield Creek 37.7 to 40.4	2.7 miles	KY497717_08	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Mayfield Creek 37.7 to 40.4	2.7 miles	KY497717_08	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Mayfield Creek 37.7 to 40.4	2.7 miles	KY497717_08	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
Mayfield Creek 40.8 to 43.7	2.9 miles	KY497717_09	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat
Mayfield Creek 51.65 to 59.5	7.85 miles	KY497717_11	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Phosphorus (Total)	Agriculture; Loss of Riparian Habitat
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
McCoy Bluehole Spring (9000- 0792)	1 miles	KY493284- 212.7_00	Spring	Green/ Tradewater	Green River	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown

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McCoys Fork 0.0 to 2.2	2.2 miles	KY497821_01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
McGrady Creek 0.0 to 1.9	1.9 miles	KY497869_00	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
McNeely Lake	53 acres	KY497757_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140102	Jefferson	5-NS	FC	Methylmercury	Source Unknown
Meadow Creek 0.0 to 7.4	7.4 miles	KY497981_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access
Meadow Creek 0.5 to 3.7	3.2 miles	KY513890_01	River	Kentucky	Kentucky River	05100203	Owsley	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	River	Green/Tradewater	Green River	05110004	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land)
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	River	Green/Tradewater	Green River	05110004	Hardin	5-PS	WAH	Sedimentation/Siltation	Agriculture
Mellins Branch 0.0 to 1.5	1.5 miles	KY496047_01	River	Salt/Licking	Salt River	05140101	Carroll	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

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Mellins Branch 0.0 to 1.5	1.5 miles	KY496047_01	River	Salt/Licking	Salt River	05140101	Carroll	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)
Metropolis Lake	36 acres	KY498089_00	Freshwater Lake	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin
Metropolis Lake	36 acres	KY498089_00	Freshwater Lake	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Oxygen, Dissolved	Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	5-PS	PCR	Escherichia coli	Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment), Silviculture Activities
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Middle Fork Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Middle Fork Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture

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Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat; Source Unknown
Middle Fork Kentucky River 6.45 to 12.6	6.15 miles	KY513931_01	River	Kentucky	Kentucky River	05100202	Lee	5-PS	PCR	Escherichia coli	Agriculture; Loss of Riparian Habitat
Middle Fork Little Sandy River 5.8 to 7.5	1.7 miles	KY498129_02	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	McCreary	5-PS	CAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	McCreary	5-NS	CAH; PCR; SCR	pH	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Drakes Creek 0.0 to 7.8	7.8 miles	KY498119_01	River	Green/Tradewater	Green River	05110002	Warren	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	PCR	Fecal Coliform	Source Unknown
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland Grazing
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Activities; Reclamation of Inactive Mining; Surface Mining

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Middle Fork of Licking River 0 to 2.5	2.5 miles	KY498128_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land)
Middle Fork of Richland Creek 0.0 to 1.2	1.2 miles	KY498135_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_03	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	PCR	Fecal Coliform	Source Unknown
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_03	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	SCR	Fecal Coliform	Source Unknown
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Sedimentation/Siltation	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_01	River	Salt/Licking	Licking River	05100102	Harrison	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_01	River	Salt/Licking	Licking River	05100102	Harrison	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

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Mill Creek 0.0 to 3.3	3.3 miles	KY498258_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Mill Creek 0.0 to 3.3	3.3 miles	KY498258_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Mill Creek 0.0 to 4.2	4.2 miles	KY498260_00	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown
Mill Creek Cutoff 0.0 to 6.7	6.7 miles	KY498275_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Spring (9000-1193)	1 miles	KY499512-38.7_00	Spring	Green/Tradewater	Green River	05110001	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Total Dissolved Solids	Surface Mining

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Mitchell Creek 0.0 to 3.8	3.8 miles	KY514033_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Mocks Branch 1.6 to 5.7	4.1 miles	KY498468_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Site Clearance (Land Development or Redevelopment)
Montgomery Creek 0.00 to 11.10	11.1 miles	KY498509_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Moseby Branch 0.0 to 2.2	2.2 miles	KY498657_00	River	Kentucky	Kentucky River	05100205	Owen	5-NS	WAH	Cause Unknown	Source Unknown
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Turbidity	Loss of Riparian Habitat; Streambank Modifications/ Destabilization

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Mud Creek 0.0 to 7.8	7.8 miles	KY498982_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Mud Creek of Clear Fork 0.0 to 5.2	5.2 miles	KY514128_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Mud River 30.9 to 52.2	21.3 miles	KY499011_03	River	Green/Tradewater	Green River	05110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 52.2 to 64.0	11.8 miles	KY499011_04	River	Green/Tradewater	Green River	05110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Iron	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	FC	Mercury in Fish Tissue	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 0.0 to 9.1	9.1 miles	KY499011_01	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Muddy Creek 0.0 to 20.2	20.2 miles	KY514141_01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Muddy Creek 0.0 to 5.9	5.9 miles	KY499036_01	River	Green/Tradewater	Green River	05110003	Butler	5-PS	PCR	Fecal Coliform	Source Unknown
Muddy Creek 1.9 to 4.9	3 miles	KY499038_01	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Channelization; Non-irrigated Crop Production
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Oxygen, Dissolved	Agriculture; Channelization
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Muddy Creek 0.0 to 5.0	5 miles	KY499037_01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Muddy Fork Little River 12.75 to 24.85	12.1 miles	KY499043_02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
Muddy Fork Little River 24.85 to 28.3	3.45 miles	KY499043_03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Agriculture; Loss of Riparian Habitat
Muncy Creek 2.7 to 4.7	2 miles	KY514159_01	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Narge Creek 2.6 to 4.1	1.5 miles	KY499173_00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Cause Unknown	Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Nats Creek 0.0 to 3.1	3.1 miles	KY499185_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining

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Near Fork Sandsuck Creek 1.1 to 2.0	0.9 miles	KY499204_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Cause Unknown	Non-Point Source; Source Unknown
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production
Newcombe Creek 1.1 to 7.3	6.2 miles	KY499428_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities
Newtons Creek 0.3 to 8.2	7.9 miles	KY499457_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Noland Creek 0.05 to 1.2	1.15 miles	KY499508_01	River	Kentucky	Kentucky River	05100204	Estill	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	Spring	Green/Tradewater	Green River	05110001	Larue	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	Spring	Green/Tradewater	Green River	05110001	Larue	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Highways, Roads, Bridges, Infrastructure (New Construction)
North Branch of South Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499538_00	River	Green/Tradewater	Green River	05110005	Hancock	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
North Elkhorn Creek 44.75 to 66.0	21.25 miles	KY499540_03	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Source Unknown
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification

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North Fork Currys Fork 0.0 to 6.0	6.0 miles	KY499547_01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
North Fork Kentucky River 145.5 to 147.9	2.4 miles	KY514290_14	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production; Urban Runoff/Storm Sewers
North Fork Kentucky River 147.9 to 162.0	14.1 miles	KY514290_15	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Silviculture Activities; Urban Runoff/Storm Sewers
North Fork Licking River 18.55 to 45.5	26.95 miles	KY499554_02	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	PCR	Fecal Coliform	Agriculture
North Fork Licking River 18.55 to 45.5	26.95 miles	KY499554_02	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	WAH	Sedimentation/Siltation	Agriculture
North Fork Licking River 2.3 to 18.55	16.25 miles	KY499554_01	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	PCR	Escherichia coli	Source Unknown
North Fork Licking River 12.3 to 13.4	1.1 miles	KY514292_02	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source

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North Fork Licking River 8.5 to 12.3	3.8 miles	KY514292_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture; Urban Runoff/Storm Sewers
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation
North Fork of Barnett Creek 0.0 to 2.3	2.3 miles	KY499541_01	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture

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North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
North Fork of Nolin River 3.0 to 7.0	4 miles	KY499559_01	River	Green/Tradewater	Green River	05110001	Larue	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
North Fork of Nolin River 3.0 to 7.0	4 miles	KY499559_01	River	Green/Tradewater	Green River	05110001	Larue	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
North Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499562_01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production
North Fork Panther Creek 9.7 to 12.7	3 miles	KY499562_04	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047- 1.9- 15.0_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047- 1.9- 15.0_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Ammonia (Un- ionized)	Municipal Point Source Discharges
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047- 1.9- 15.0_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047- 1.9- 15.0_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Obion Creek 39.65 to 43.1	3.45 miles	KY499767_04	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Cause Unknown	Channelization; Source Unknown
Obion Creek 43.1 to 48.6	5.5 miles	KY499767_05	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Channelization; Crop Production (Crop Land or Dry Land)

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	PCR	Escherichia coli	Agriculture
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Iron	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Lead	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Channelization; Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Non-irrigated Crop Production
Obion Creek 31.9 to 35.2	3.3 miles	KY499767_03	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Upstream/Downstream Source
Obion Creek 48.6 to 54.4	5.8 miles	KY499767_06	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Cause Unknown	Source Unknown
Obion Creek 48.6 to 54.4	5.8 miles	KY499767_06	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Ohio River 317.2 to 319.4	2.2 miles	00425264	River	Ohio River Mainstem	317.6 to 319.7	05090103	Boyd	5-PS	FC	Dioxin	Source Unknown
Ohio River 317.2 to 319.4	2.2 miles	00425264	River	Ohio River Mainstem	317.6 to 319.7	05090103	Boyd	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 317.2 to 319.4	2.2 miles	00425264	River	Ohio River Mainstem	317.6 to 319.7	05090103	Boyd	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	00425264	River	Ohio River Mainstem	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	FC	Dioxin	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	00425264	River	Ohio River Mainstem	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	00425264	River	Ohio River Mainstem	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 340.8 to 356.6	15.8 miles	00425264	River	Ohio River Mainstem	341.05 to 356.8	05090103	Greenup	5-PS	FC	Dioxin	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 340.8 to 356.6	15.8 miles	00425264	River	Ohio River Mainstem	341.05 to 356.8	05090103	Greenup	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	00425264	River	Ohio River Mainstem	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	00425264	River	Ohio River Mainstem	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	00425264	River	Ohio River Mainstem	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 377.7 to 382.9	5.2 miles	00425264	River	Ohio River Mainstem	377.65 to 382.85	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 377.7 to 382.9	5.2 miles	00425264	River	Ohio River Mainstem	377.65 to 382.85	05090201	Lewis	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	00425264	River	Ohio River Mainstem	382.85 to 388.0	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	00425264	River	Ohio River Mainstem	382.85 to 388.0	05090201	Lewis	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	00425264	River	Ohio River Mainstem	382.85 to 388.0	05090201	Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 388.0 to 436.5	48.5 miles	00425264	River	Ohio River Mainstem	388.0 to 436.2	05090201	Lewis, Mason, Bracken	5-PS	FC	Dioxin	Source Unknown
Ohio River 388.0 to 436.5	48.5 miles	00425264	River	Ohio River Mainstem	388.0 to 436.2	05090201	Lewis, Mason, Bracken	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 436.5 to 464.5	28 miles	00425264	River	Ohio River Mainstem	436.2 to 464.1	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 436.5 to 464.5	28 miles	00425264	River	Ohio River Mainstem	436.2 to 464.1	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 464.5 to 465.2	0.7 miles	00425264	River	Ohio River Mainstem	464.1 to 464.8	05090203	Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 464.5 to 465.2	0.7 miles	00425264	River	Ohio River Mainstem	464.1 to 464.8	05090203	Campbell	5-PS	FC	Polychlorinated Biphenyls	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 464.5 to 465.2	0.7 miles	00425264	River	Ohio River Mainstem	464.1 to 464.8	05090203	Campbell	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 465.2 to 469.3	4.1 miles	00425264	River	Ohio River Mainstem	464.8 to 468.85	05090203	Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 465.2 to 469.3	4.1 miles	00425264	River	Ohio River Mainstem	464.8 to 468.85	05090203	Campbell	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	00425264	River	Ohio River Mainstem	468.85 to 471.0	05090203	Campbell, Kenton	5-PS	FC	Dioxin	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	00425264	River	Ohio River Mainstem	468.85 to 471.0	05090203	Campbell, Kenton	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	00425264	River	Ohio River Mainstem	468.85 to 471.0	05090203	Campbell, Kenton	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 471.4 to 475.1	3.7 miles	00425264	River	Ohio River Mainstem	471.0 to 474.65	05090203	Kenton	5-PS	FC	Dioxin	Source Unknown
Ohio River 471.4 to 475.1	3.7 miles	00425264	River	Ohio River Mainstem	471.0 to 474.65	05090203	Kenton	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 471.4 to 475.1	3.7 miles	00425264	River	Ohio River Mainstem	471.0 to 474.65	05090203	Kenton	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	00425264	River	Ohio River Mainstem	474.65 to 477.1	05090203	Kenton, Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	00425264	River	Ohio River Mainstem	474.65 to 477.1	05090203	Kenton, Boone	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	00425264	River	Ohio River Mainstem	474.65 to 477.1	05090203	Kenton, Boone	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	00425264	River	Ohio River Mainstem	477.1 to 487.4	05090203	Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	00425264	River	Ohio River Mainstem	477.1 to 487.4	05090203	Boone	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	00425264	River	Ohio River Mainstem	477.1 to 487.4	05090203	Boone	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 488.0 to 593.1	105.1 miles	00425264	River	Ohio River Mainstem	487.4 to 591.8	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	Dioxin	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 488.0 to 593.1	105.1 miles	00425264	River	Ohio River Mainstem	487.4 to 591.8	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 593.1 to 595.5	2.4 miles	00425264	River	Ohio River Mainstem	591.8 to 594.25	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 593.1 to 595.5	2.4 miles	00425264	River	Ohio River Mainstem	591.8 to 594.25	05140101	Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 593.1 to 595.5	2.4 miles	00425264	River	Ohio River Mainstem	591.8 to 594.25	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 595.5 to 603.3	7.8 miles	00425264	River	Ohio River Mainstem	594.25 to 602.1	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 595.5 to 603.3	7.8 miles	00425264	River	Ohio River Mainstem	594.25 to 602.1	05140101	Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	00425264	River	Ohio River Mainstem	602.1 to 606.6	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	00425264	River	Ohio River Mainstem	602.1 to 606.6	05140101	Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	00425264	River	Ohio River Mainstem	602.1 to 606.6	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 608.1 to 609.2	1.1 miles	00425264	River	Ohio River Mainstem	606.6 to 607.65	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 608.1 to 609.2	1.1 miles	00425264	River	Ohio River Mainstem	606.6 to 607.65	05140101	Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 608.1 to 609.2	1.1 miles	00425264	River	Ohio River Mainstem	606.6 to 607.65	05140101	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	00425264	River	Ohio River Mainstem	607.65 to 613.3	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	00425264	River	Ohio River Mainstem	607.65 to 613.3	05140101	Jefferson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	00425264	River	Ohio River Mainstem	607.65 to 613.3	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	00425264	River	Ohio River Mainstem	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-PS	FC	Dioxin	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	00425264	River	Ohio River Mainstem	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-PS	FC	Polychlorinated Biphenyls	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 614.9 to 683.0	68.1 miles	00425264	River	Ohio River Mainstem	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	00425264	River	Ohio River Mainstem	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	FC	Dioxin	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	00425264	River	Ohio River Mainstem	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	00425264	River	Ohio River Mainstem	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	00425264	River	Ohio River Mainstem	716.8 to 732.8	05140201	Hancock	5-PS	FC	Dioxin	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	00425264	River	Ohio River Mainstem	716.8 to 732.8	05140201	Hancock	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	00425264	River	Ohio River Mainstem	716.8 to 732.8	05140201	Hancock	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	00425264	River	Ohio River Mainstem	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	FC	Dioxin	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	00425264	River	Ohio River Mainstem	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	00425264	River	Ohio River Mainstem	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	00425264	River	Ohio River Mainstem	753.1 to 757.0	05140201	Daviess	5-PS	FC	Dioxin	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	00425264	River	Ohio River Mainstem	753.1 to 757.0	05140201	Daviess	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	00425264	River	Ohio River Mainstem	753.1 to 757.0	05140201	Daviess	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 760.6 to 776.1	15.5 miles	00425264	River	Ohio River Mainstem	757.0 to 772.35	05140201	Daviess, Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 760.6 to 776.1	15.5 miles	00425264	River	Ohio River Mainstem	757.0 to 772.35	05140201	Daviess, Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 760.6 to 776.1	15.5 miles	00425264	River	Ohio River Mainstem	757.0 to 772.35	05140201	Daviess, Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 776.1 to 789.3	13.2 miles	00425264	River	Ohio River Mainstem	772.35 to 785.55	05140201, 05140202	Henderson	5-PS	FC	Dioxin	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 776.1 to 789.3	13.2 miles	00425264	River	Ohio River Mainstem	772.35 to 785.55	05140201, 05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 776.1 to 789.3	13.2 miles	00425264	River	Ohio River Mainstem	772.35 to 785.55	05140201, 05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 776.1 to 789.3	13.2 miles	00425264	River	Ohio River Mainstem	772.35 to 785.55	05140201, 05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	00425264	River	Ohio River Mainstem	785.55 to 788.4	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	00425264	River	Ohio River Mainstem	785.55 to 788.4	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	00425264	River	Ohio River Mainstem	785.55 to 788.4	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	00425264	River	Ohio River Mainstem	788.4 to 789.3	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	00425264	River	Ohio River Mainstem	788.4 to 789.3	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	00425264	River	Ohio River Mainstem	788.4 to 789.3	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	00425264	River	Ohio River Mainstem	788.4 to 789.3	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 793.2 to 795.7	2.5 miles	00425264	River	Ohio River Mainstem	789.3 to 791.8	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 793.2 to 795.7	2.5 miles	00425264	River	Ohio River Mainstem	789.3 to 791.8	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 793.2 to 795.7	2.5 miles	00425264	River	Ohio River Mainstem	789.3 to 791.8	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 793.2 to 795.7	2.5 miles	00425264	River	Ohio River Mainstem	789.3 to 791.8	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 795.7 to 799.8	4.1 miles	00425264	River	Ohio River Mainstem	791.8 to 795.85	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 795.7 to 799.8	4.1 miles	00425264	River	Ohio River Mainstem	791.8 to 795.85	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 795.7 to 799.8	4.1 miles	00425264	River	Ohio River Mainstem	791.8 to 795.85	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 795.7 to 799.8	4.1 miles	00425264	River	Ohio River Mainstem	791.8 to 795.85	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	00425264	River	Ohio River Mainstem	795.85 to 798.9	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	00425264	River	Ohio River Mainstem	795.85 to 798.9	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	00425264	River	Ohio River Mainstem	795.85 to 798.9	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	00425264	River	Ohio River Mainstem	795.85 to 798.9	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	00425264	River	Ohio River Mainstem	798.9 to 816.25	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	00425264	River	Ohio River Mainstem	798.9 to 816.25	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	00425264	River	Ohio River Mainstem	798.9 to 816.25	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	00425264	River	Ohio River Mainstem	798.9 to 816.25	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	00425264	River	Ohio River Mainstem	816.25 to 822.5	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	00425264	River	Ohio River Mainstem	816.25 to 822.5	05140202	Henderson	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	00425264	River	Ohio River Mainstem	816.25 to 822.5	05140202	Henderson	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	00425264	River	Ohio River Mainstem	816.25 to 822.5	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 826.4 to 846.3	19.9 miles	00425264	River	Ohio River Mainstem	822.5 to 842.15	05140202	Henderson, Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 826.4 to 846.3	19.9 miles	00425264	River	Ohio River Mainstem	822.5 to 842.15	05140202	Henderson, Union	5-PS	FC	Methylmercury in Fish Tissue	Source Unknown
Ohio River 826.4 to 846.3	19.9 miles	00425264	River	Ohio River Mainstem	822.5 to 842.15	05140202	Henderson, Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 826.4 to 846.3	19.9 miles	00425264	River	Ohio River Mainstem	822.5 to 842.15	05140202	Henderson, Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 846.3 to 849.7	3.4 miles	00425264	River	Ohio River Mainstem	842.15 to 845.65	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 846.3 to 849.7	3.4 miles	00425264	River	Ohio River Mainstem	842.15 to 845.65	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 846.3 to 849.7	3.4 miles	00425264	River	Ohio River Mainstem	842.15 to 845.65	05140203	Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 849.7 to 853.4	3.7 miles	00425264	River	Ohio River Mainstem	845.65 to 849.35	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 849.7 to 853.4	3.7 miles	00425264	River	Ohio River Mainstem	845.65 to 849.35	05140203	Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	00425264	River	Ohio River Mainstem	849.35 to 853.3	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	00425264	River	Ohio River Mainstem	849.35 to 853.3	05140203	Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	00425264	River	Ohio River Mainstem	849.35 to 853.3	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 857.6 to 862.1	4.5 miles	00425264	River	Ohio River Mainstem	853.3 to 857.8	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 857.6 to 862.1	4.5 miles	00425264	River	Ohio River Mainstem	853.3 to 857.8	05140203	Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 862.1 to 872.8	10.7 miles	00425264	River	Ohio River Mainstem	857.8 to 868.3	05140203	Union	5-PS	FC	Dioxin	Source Unknown

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 862.1 to 872.8	10.7 miles	00425264	River	Ohio River Mainstem	857.8 to 868.3	05140203	Union	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 862.1 to 872.8	10.7 miles	00425264	River	Ohio River Mainstem	857.8 to 868.3	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 872.8 to 878.2	5.4 miles	00425264	River	Ohio River Mainstem	868.3 to 873.25	05140203	Union, Crittenden	5-PS	FC	Dioxin	Source Unknown
Ohio River 872.8 to 878.2	5.4 miles	00425264	River	Ohio River Mainstem	868.3 to 873.25	05140203	Union, Crittenden	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	00425264	River	Ohio River Mainstem	873.25 to 877.9	05140203	Crittenden	5-PS	FC	Dioxin	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	00425264	River	Ohio River Mainstem	873.25 to 877.9	05140203	Crittenden	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	00425264	River	Ohio River Mainstem	873.25 to 877.9	05140203	Crittenden	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 882.9 to 894.6	11.7 miles	00425264	River	Ohio River Mainstem	877.9 to 889.45	05140203	Crittenden, Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 882.9 to 894.6	11.7 miles	00425264	River	Ohio River Mainstem	877.9 to 889.45	05140203	Crittenden, Livingston	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	00425264	River	Ohio River Mainstem	889.45 to 904.85	05140203	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	00425264	River	Ohio River Mainstem	889.45 to 904.85	05140203	Livingston	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	00425264	River	Ohio River Mainstem	889.45 to 904.85	05140203	Livingston	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 910.3 to 920.5	10.2 miles	00425264	River	Ohio River Mainstem	904.85 to 914.9	05140203, 05140206	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 910.3 to 920.5	10.2 miles	00425264	River	Ohio River Mainstem	904.85 to 914.9	05140203, 05140206	Livingston	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	00425264	River	Ohio River Mainstem	914.9 to 919.85	05140206	Livingston	5-PS	FC	Dioxin	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Ohio River 920.5 to 925.8	5.3 miles	00425264	River	Ohio River Mainstem	914.9 to 919.85	05140206	Livingston	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	00425264	River	Ohio River Mainstem	914.9 to 919.85	05140206	Livingston	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 925.8 to 981.0	55.2 miles	00425264	River	Ohio River Mainstem	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	5-PS	FC	Dioxin	Source Unknown
Ohio River 925.8 to 981.0	55.2 miles	00425264	River	Ohio River Mainstem	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Old Panther Creek 0.4 to 5.7	5.3 miles	KY499866_01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
Old Panther Creek 5.7 to 8.8	3.1 miles	KY499866_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Oldfield Fork 0.0 to 3.6	3.6 miles	KY499901_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Oil and Grease	Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat; Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Turbidity	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Morgan	5-NS	PCR; SCR; WAH	pH	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	River	Sandy/Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	River	Sandy/Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	River	Sandy/Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Opossum Creek 0.0 to 2.3	2.3 miles	KY499959_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/Siltation	Channelization
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	Package Plant or Other Permitted Small Flows Discharges

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Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Otter Creek 0.0 to 10.7	10.7 miles	KY500026_00	River	Salt/Licking	Salt River	05140104	Meade	5-PS	PCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Otter Creek 0.0 to 2.9	2.9 miles	KY500024_01	River	Salt/Licking	Salt River	05140103	Larue	5-PS	PCR	Fecal Coliform	Source Unknown
Otter Creek 0.0 to 6.3	6.3 miles	KY500023_00	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	River	Sandy/Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	CAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	CAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	CAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Woodlot Site Clearance
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	CAH	Temperature, Water	Woodlot Site Clearance
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	CAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	CAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	CAH	Sedimentation/Siltation	Post-development Erosion and Sedimentation; Woodlot Site Clearance
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	CAH	Temperature, Water	Woodlot Site Clearance
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Paint Lick Creek 0.0 to 7.5	7.5 miles	KY500121_01	River	Kentucky	Kentucky River	05100205	Garrard	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Paintsville Reservoir	1139 acres	KY509958_00	Fresh-water Reservoir	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	SCR	Fecal Coliform	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	WAH	Iron	Surface Mining
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_03	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_03	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Streambank Modifications/ Destabilization
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access
Panther Creek 3.0 to 5.9	2.9 miles	KY500157_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Agriculture
Panther Fork 0.0 to 2.95	2.95 miles	KY500162_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Panther Fork 0.0 to 2.95	2.95 miles	KY500162_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Other Spill Related Impacts; Surface Mining

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Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	SCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Inappropriate Waste Disposal; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Upstream Impoundments (e.g., PI-566 NRCS Structures); Urban Runoff/Storm Sewers
Peter Creek 0.0 to 5.8	5.8 miles	KY500467_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	River	Green/Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Phillips Creek 0.0 to 5.3	5.3 miles	KY500540_00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	PCR	Fecal Coliform	Source Unknown
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_00	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Acid Mine Drainage; Non-irrigated Crop Production
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_00	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	River	Green/Tradewater	Tradewater	05140205	Crittenden	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	River	Green/Tradewater	Tradewater	05140205	Crittenden	5-PS	WAH	Sedimentation/Siltation	Agriculture
Pigeonroost Fork 0.0 to 1.3	1.3 miles	KY500606_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Pitman Creek 5.4 to 6.0	0.6 miles	KY514627_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	PCR	Escherichia coli	Municipal Point Source Discharges
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-NS	PCR	Fecal Coliform	Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pleasant Run 0.0 to 2.0	2 miles	KY500906_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Plum Branch 0.0 to 3.9	3.9 miles	KY514662_01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	River	Salt/Licking	Salt River	05140102	Spencer	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	River	Salt/Licking	Salt River	05140102	Spencer	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Plum Lick Creek 0.0 to 5.9	5.9 miles	KY500972	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source
Plum Lick Creek 0.0 to 5.9	5.9 miles	KY500972	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Cause Unknown	Source Unknown; Loss of Riparian Habitat
Polls Creek 0.0 to 4.7	4.7 miles	KY514679_00	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges

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2012 303(d) List

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Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Sewage Discharges in Unsewered Areas
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_01	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Total Suspended Solids (TSS)	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Chlorine	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_05	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining; Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Specific Conductance	Agriculture; Surface Mining
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted)
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Channelization; Inappropriate Waste Disposal; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Channelization; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/ Destabilization; Surface Mining
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Oxygen, Dissolved	Agriculture; Loss of Riparian Habitat
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_ 04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Coal Mining

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Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Coal Mining
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Ammonia (Un-ionized)	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	River	Green/ Tradewater	Green River	05110006	McLean	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	River	Green/ Tradewater	Green River	05110006	McLean	5-PS	WAH	Total Dissolved Solids	Non-irrigated Crop Production
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Iron	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Surface Mining
Pond River 20.8 to 31.1	10.3 miles	KY501053_03	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Coal Mining (Subsurface); Habitat Modification - Other than Hydromodification; Surface Mining

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Pond River 61.2 to 71.4	10.2 miles	KY501053_05	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Pond Run 0.0 to 6.8	6.8 miles	KY501057_01	River	Green/Tradewater	Green River	05110004	Ohio	5-PS	PCR	Fecal Coliform	Source Unknown
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Sedimentation/Siltation	Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Coal Mining
Pope Lick Creek 0.0 to 2.1	2.1 miles	KY501089_01	River	Salt/Licking	Salt River	05140103	Jefferson	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges; Unspecified Urban Stormwater
Pope Lick Creek 2.1 to 5.5	3.4 miles	KY501089_02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges; Unspecified Urban Stormwater
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Ammonia (Total)	Package Plant or Other Permitted Small Flows Discharges
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Phosphorus (Total)	Package Plant or Other Permitted Small Flows Discharges
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Powder Mill Creek 0.0 to 4.9	4.9 miles	KY514748_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Cause Unknown	Non-Point Source
Pretty Run 0.0 to 8.0	8 miles	KY501310_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Cause Unknown	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Prickly Ash Creek 0.0 to 3.1	3.1 miles	KY514770_00	River	Salt/Licking	Licking River	05100101	Bath	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Puncheon Camp Creek 0.0 to 1.15	1.15 miles	KY501442_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Puncheon Camp Creek 0.0 to 3.2	3.2 miles	KY501441_00	River	Kentucky	Kentucky River	05100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown

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Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	PCR	Fecal Coliform	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Raccoon Creek 0.0 to 2.3	2.3 miles	KY514819_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Cause Unknown	Source Unknown
Raccoon Creek 0.0 to 2.7	2.7 miles	KY514818_00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access
Raccoon Creek 5.6 to 7.4	1.8 miles	KY501505_02	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Raccoon Creek 5.6 to 7.4	1.8 miles	KY501505_02	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining
Rattlesnake Creek 0.0 to 1.2	1.2 miles	KY501593_01	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Cause Unknown	Source Unknown
Red Bird River 0.0 to 15.3	15.3 miles	KY514862_01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	PCR	Fecal Coliform	Agriculture
Red Lick Creek 0.0 to 5.0	5 miles	KY510193_01	River	Kentucky	Kentucky River	05100204	Estill	5-PS	PCR	Escherichia coli	Source Unknown
Red River 50.95 to 54.5	3.55 miles	KY501672_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 54.5 to 56.9	2.4 miles	KY501672_02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Red River 54.5 to 56.9	2.4 miles	KY501672_02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Rural (Residential Areas)
Red River 57.0 to 65.8	8.8 miles	KY501672_03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 64.1 to 67.6	3.5 miles	KY514872_04	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Red River 65.8 to 74.3	8.5 miles	KY501672_04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Red River 70.0 to 83.9	13.9 miles	KY514872_05	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Managed Pasture Grazing
Red River 74.3 to 81.3	7 miles	KY501672_05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Simpson	5-PS	WAH	Cause Unknown	Source Unknown
Red River 89.5 to 93.4	3.9 miles	KY514872_06	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Reeves Branch 0.0 to 0.3	0.3 miles	KY501706_00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Relict (Natural Channel) Mayfield Creek 17.4 to 20.4	3 miles	KY497716_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Relict Channel of Cypress Creek 0.5 to 3.3	2.8 miles	KY505460-7.2_01	River	Green/ Tradewater	Tradewater	05140205	Union	5-NS	PCR	Fecal Coliform	Source Unknown
Relict Channel of Cypress Creek 0.5 to 3.3	2.8 miles	KY505460-7.2_01	River	Green/ Tradewater	Tradewater	05140205	Union	5-PS	SCR	Fecal Coliform	Source Unknown
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	River	Green/ Tradewater	Green River	05110003	Ohio	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation; Surface Mining
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	River	Green/ Tradewater	Green River	05110003	Ohio	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Renfro Creek 0.0 to 3.1	3.1 miles	KY514888_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Renfro Creek 0.0 to 3.1	3.1 miles	KY514888_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Renfro Creek 0.0 to 3.1	3.1 miles	KY514888_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers
Rhodes Creek 0.0 to 1.9	1.9 miles	KY501760_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Unspecified Urban Stormwater
Rhodes Creek 0.0 to 2.2	2.2 miles	KY501759_01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization

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Richland Creek 0.0 to 0.8	0.8 miles	KY501823_00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/Siltation	Specialty Crop Production
Richland Creek 0.0 to 4.5	4.5 miles	KY501821_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Iron	Coal Mining; Non-Point Source
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Non-Point Source
Richland Slough 0.0 to 4.9	4.9 miles	KY501825_00	River	Green/Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Agriculture; Non-irrigated Crop Production
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	pH	Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Inappropriate Waste Disposal; Loss of Riparian Habitat
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Inappropriate Waste Disposal; Loss of Riparian Habitat

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Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 23.3 to 30.3	7 miles	KY501863_03	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 23.3 to 30.3	7 miles	KY501863_03	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 23.3 to 30.3	7 miles	KY501863_03	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 33.4 to 37.9	4.5 miles	KY501863_05	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Right Fork Beaver Creek 33.4 to 37.9	4.5 miles	KY501863_05	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 33.4 to 37.9	4.5 miles	KY501863_05	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Lacy Creek 0.0 to 2.2	2.2 miles	KY501894_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Right Fork Newcombe Creek 0.0 to 4.2	4.2 miles	KY501913_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Right Fork Newcombe Creek 0.0 to 4.2	4.2 miles	KY501913_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Surface Mining
Right Fork of Little Paint Creek 0.4 to 2.1	1.7 miles	KY501903_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-Point Source
Right Fork of Middle Fork of Licking River 3.1 to 4.6	1.5 miles	KY501899_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers
Right Fork of Panther Fork 0.0 to 1.05	1.05 miles	KY501915_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining

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Right Fork of Whitecabin Branch 0.0 to 1.1	1.1 miles	KY501938_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Righthand Fork 0.0 to 2.0	2 miles	KY501946_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Righthand Fork 0.0 to 2.0	2 miles	KY501946_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Road Run 0.0 to 7.1	7.1 miles	KY502031_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Phosphorus (Total)	Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)
Road Run 0.0 to 7.1	7.1 miles	KY502031_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Sedimentation/Siltation	Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)
Roaring Paunch Creek 7.8 to 15.6	7.8 miles	KY514993_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	PCR; SCR; WAH	pH	Acid Mine Drainage; Legacy Coal Extraction

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Rob Fork 0.0 to 1.0	1 miles	KY502049_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining
Rob Fork 0.0 to 1.0	1 miles	KY502049_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Specific Conductance	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	River	Green/Tradewater	Green River	05110001	Taylor	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	River	Green/Tradewater	Green River	05110001	Taylor	5-PS	WAH	Sedimentation/Siltation	Agriculture; Non-Point Source
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	5-NS	WAH	Cause Unknown	Source Unknown
Rock Creek 16.5 to 21.5	5 miles	KY515024_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	5-PS	FC	Methylmercury	Source Unknown
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

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Rock Fork 0.0 to 4.0	4 miles	KY515026_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Rock Fork 0.0 to 4.0	4 miles	KY515026_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels)
Rockcastle Creek 13.25 to 15.3	2.05 miles	KY502158_03	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_02	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/Siltation	Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_02	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining; Unspecified Urban Stormwater
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Escherichia coli	Non-Point Source; Rural (Residential Areas)
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Post-development Erosion and Sedimentation; Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Specific Conductance	Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	River	Sandy/Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Total Suspended Solids (TSS)	Post-development Erosion and Sedimentation; Surface Mining

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Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Rockhouse Fork 0.0 to 2.1	2.1 miles	KY502201_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-Point Source
Rockhouse Fork 0.0 to 2.1	2.1 miles	KY502201_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-PS	WAH	Specific Conductance	Coal Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-Point Source; Post-development Erosion and Sedimentation; Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Non-Point Source; Surface Mining

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Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Rocky Run 0.0 to 2.3	2.3 miles	KY502264_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
Rolling Fork 0.0 to 37.75	37.75 miles	KY502293_01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	PCR	Escherichia coli	Source Unknown
Rose Fork 0.0 to 3.1	3.1 miles	KY502332_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	River	Green/Tradewater	Green River	05110004	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	River	Green/Tradewater	Green River	05110004	McLean	5-PS	SCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	River	Green/Tradewater	Green River	05110004	McLean	5-NS	WAH	Iron	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	River	Green/Tradewater	Green River	05110004	McLean	5-NS	WAH	Lead	Source Unknown
Rough River 125.2 to 149.4	24.2 miles	KY502390_06	River	Green/Tradewater	Green River	05110004	Hardin	5-PS	PCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	SCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Iron	Source Unknown
Rough River Reservoir	5100 acres	KY502953_00	Fresh-water Reservoir	Green/Tradewater	Green River	05110004	Hardin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Roundstone Creek 0.0 to 10.9	10.9 miles	KY515136_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	PCR	Escherichia coli	Source Unknown
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Oxygen, Dissolved	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Sedimentation/Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
Royal Spring 0.0 to 0.7	0.7 miles	KY502438_01	Spring	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater
Royal Spring 0.0 to 0.7	0.7 miles	KY502438_01	Spring	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater
Running Slough 0.0 to 16.2	16.2 miles	KY502469_00	River	Tenn/Miss/Cumberland	Mississippi River	08010202	Fulton	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)

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Running Slough 0.0 to 16.2	16.2 miles	KY502469_00	River	Tenn/Miss/Cumberland	Mississippi River	08010202	Fulton	5-PS	WAH	Turbidity	Crop Production (Crop Land or Dry Land)
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Total Suspended Solids (TSS)	Surface Mining
Sadler Creek 0.0 to 2.4	2.4 miles	KY515171_01	River	Green/Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Rural (Residential Areas)
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Sallys Branch 0.00 to 2.90	2.9 miles	KY515184_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	River	Green/Tradewater	Green River	05110002	Warren	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	River	Green/Tradewater	Green River	05110002	Warren	5-NS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Oxygen, Dissolved	Source Unknown

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Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Salt Lick Creek 0.2 to 7.2	7 miles	KY502828_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/Parkland
Salt Lick Creek 3.0 to 8.0	5 miles	KY515191_01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production; Rangeland Grazing
Salt River 11.7 to 25.9	14.2 miles	KY502830_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	FC	Methylmercury	Source Unknown
Salt River 11.7 to 25.9	14.2 miles	KY502830_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Source Unknown
Salt River 11.7 to 25.9	14.2 miles	KY502830_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Cause Unknown	Source Unknown
Salt River 111.9 to 135.25	23.35 miles	KY502830_07	River	Salt/Licking	Salt River	05140102	Mercer	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source
Salt River 77.8 to 88.8	11 miles	KY502830_05	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	PCR	Escherichia coli	Source Unknown
Salt River of Sixmile Creek 0.0 to 4.5	4.5 miles	KY502831_01	River	Kentucky	Kentucky River	05100205	Henry	5-PS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Sam Branch 0.0 to 0.5	0.5 miles	KY502871_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat

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Sampson Branch 0.00 to 4.70	4.7 miles	KY515208_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Sand Lick Creek 0.0 to 4.0	4 miles	KY502963_00	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Sand Lick Fork 0.0 to 5.3	5.3 miles	KY515225_01	River	Kentucky	Kentucky River	05100204	Powell	5-NS	WAH	Cause Unknown	Source Unknown
Scenic Lake	18 acres	KY503039_00	Fresh-water Reservoir	Green/Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Contaminated Sediments; Internal Nutrient Recycling
Schultz Creek 4.7 to 7.5	2.8 miles	KY503068_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat
Scott Creek 2.1 to 3.9	1.8 miles	KY515299_01	River	Salt/Licking	Licking River	05100101	Rowan	5-NS	WAH	Cause Unknown	Source Unknown
Scrubgrass Creek 0.0 to 1.6	1.6 miles	KY503123_00	River	Salt/Licking	Licking River	05100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown
Sexton Creek 0.1 to 17.2	17.1 miles	KY515329_01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Natural Sources

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Shawnee Creek 3.2 to 12.4	9.2 miles	KY503285_02	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Iron	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Lead	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	River	Tenn/Miss/Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	PCR	Escherichia coli	Source Unknown
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_02	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_02	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Channelization; Loss of Riparian Habitat
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_02	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Surface Mining

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Shelby Lake	64 acres	KY503322_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140102	Marion	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Internal Nutrient Recycling
Short Creek 0.0 to 5.0	5 miles	KY503442_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Silver Creek 11.1 to 29.8	18.7 miles	KY503507_02	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Cause Unknown	Source Unknown
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/Siltation	Surface Mining

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Sinking Creek 15.4 to 39.75	24.35 miles	KY515434_03	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	CAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	CAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	CAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges
Sinking Creek 13.35 to 17.65	4.3 miles	KY515433_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source; Urban Runoff/Storm Sewers
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Sinking Fork 31.0 to 32.7	1.7 miles	KY503569_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Sinking Fork Little River 2.2 to 5.55	3.35 miles	KY503569_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	PCR	Escherichia coli	Source Unknown
Sinking Fork Little River 2.2 to 5.55	3.35 miles	KY503569_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Agriculture
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

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Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Skaggs Creek 5.5 to 23.3	17.8 miles	KY503595_01	River	Green/Tradewater	Green River	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Skees KW#1 (9000-1398)	1 miles	KY499512-79.0_00	Spring	Green/Tradewater	Green River	05110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Skees KW#1 (9000-1398)	1 miles	KY499512-79.0_00	Spring	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	CAH	Cause Unknown	Source Unknown
Skinner Creek 0.0 to 5.8	5.8 miles	KY503615_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
Slate Creek 0.0 to 13.55	13.55 miles	KY515470_01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	PCR	Fecal Coliform	Source Unknown
Slate Creek 0.0 to 13.55	13.55 miles	KY515470_01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	WAH	Cause Unknown	Source Unknown
Slate Creek 52.9 to 57.15	4.25 miles	KY515470_05	River	Salt/Licking	Licking River	05100101	Menifee	5-PS	WAH	Cause Unknown	Source Unknown
Smith Branch 0.00 to 1.05	1.05 miles	KY503735_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Cause Unknown	Agriculture; Loss of Riparian Habitat
Smith Branch 0.7 to 2.5	1.8 miles	KY503736_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Smith Branch 0.7 to 2.5	1.8 miles	KY503736_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Temperature, Water	Source Unknown
Snag Creek 0.5 to 5.5	5 miles	KY503833_00	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Snow Creek 0.0 to 3.9	3.9 miles	KY515528_01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation
Soldier Fork 0.0 to 5.5	5.5 miles	KY515532_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Cause Unknown	Source Unknown
Soldier Fork 0.0 to 5.5	5.5 miles	KY515532_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Non-Point Source; Source Unknown
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	PCR	Fecal Coliform	Agriculture; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Chlorine	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/Siltation	Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Sediment Resuspension (Clean Sediment)
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Total Dissolved Solids	Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	PCR	Fecal Coliform	Agriculture; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Chlorine	Municipal Point Source Discharges
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Sedimentation/Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Rangeland Grazing; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Rangeland Grazing
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	PCR	Fecal Coliform	Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Chlorine	Source Unknown

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2012 303(d) List

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South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
South Fork Bayou de Chien 2.0 to 7.4	5.4 miles	KY503904_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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2012 303(d) List

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South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Currys Fork 0.0 to 6.1	6.1 miles	KY503919_01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 4.1 to 6.8	2.7 miles	KY503926_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/Siltation	Agriculture; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Turbidity	Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

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South Fork Kentucky River 11.75 to 18.9	7.15 miles	KY515545_01	River	Kentucky	Kentucky River	05100203	Owsley	5-NS	PCR	Escherichia coli	Source Unknown
South Fork Licking River 11.6 to 16.95	5.35 miles	KY503932_03	River	Salt/Licking	Licking River	05100102	Pendleton	5-NS	PCR	Escherichia coli	Source Unknown
South Fork of Beaver Creek 0.0 to 3.2	3.2 miles	KY503906_01	River	Green/Tradewater	Green River	05110002	Barren	5-PS	WAH	Cause Unknown	Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining; Legacy Coal Extraction
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining; Legacy Coal Extraction
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	River	Green/Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	River	Green/Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Other	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Other	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture
South Fork of Little River 21.3 to 26.1	4.8 miles	KY503934_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Copper	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown

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South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 14.0 to 18.3	4.3 miles	KY503939_04	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Panther Creek 2.4 to 9.55	7.15 miles	KY503939_02	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	River	Green/Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Managed Pasture Grazing
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

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South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
South Fork Ruin Creek 0.7 to 5.5	4.8 miles	KY503975_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction)
South Long Run 0.0 to 3.35	3.35 miles	KY503961_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown

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Southern Ditch 0.0 to 5.9	5.9 miles	KY501047-15.0_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Spa Lake	240 acres	KYCLN005_00	Fresh-water Reservoir	Green/Tradewater	Green River	05110003	Logan	5-PS	SCR	Sedimentation/Siltation	Natural Sources
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Cause Unknown	Source Unknown
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/ Destabilization
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	pH	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Petroleum/Natural Gas Activities
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Spring Creek 0.0 to 2.0	2 miles	KY504124_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization
Spring Creek 3.0 to 3.5	0.5 miles	KY504129_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Spring Creek 3.6 to 5.4	1.8 miles	KY504124_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-NS	WAH	Sedimentation/Siltation	Agriculture
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Spruce Creek 0.0 to 1.7	1.7 miles	KY504170_01	River	Salt/Licking	Licking River	05100101	Montgomery	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones
Spruce Pine Fork 0.0 to 1.4	1.4 miles	KY504179_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Rural (Residential Areas)
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

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Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Sputzman Creek 1.3 to 4.4	3.1 miles	KY504196_00	River	Green/Tradewater	Green River	05110005	Henderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Surface Mining
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment); Surface Mining
State Road Fork 0.0 to 5.8	5.8 miles	KY504284_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
State Road Fork 0.0 to 5.8	5.8 miles	KY504284_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Station Camp Creek 0.0 to 21.3	21.3 miles	KY515669_01	River	Kentucky	Kentucky River	05100204	Jackson	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Other Recreational Pollution Sources
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Steeles Run 0.0 to 5.1	5.1 miles	KY504312_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Agriculture; Manure Runoff
Steeles Run 0.0 to 5.1	5.1 miles	KY504312_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Agriculture; Manure Runoff
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing
Stevenson Branch 0.0 to 1.9	1.9 miles	KY504371_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/Siltation	Silviculture Harvesting; Surface Mining
Stillwater Creek 0.0 to 3.5	3.5 miles	KY515715_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	PCR; SCR; WAH	pH	Impacts from Abandoned Mine Lands (Inactive); Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Oil and Grease	Petroleum/Natural Gas Production Activities (Permitted); Source Unknown

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Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Channelization; Non-irrigated Crop Production; Petroleum/Natural Gas Activities; Surface Mining
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Chloride	Petroleum/Natural Gas Activities
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Stinnett Creek 1.3 to 4.7	3.4 miles	KY515718_01	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment)
Stinson Creek 0.0 to 3.3	3.3 miles	KY504434_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Stoner Creek 0.0 to 5.55	5.55 miles	KY504482_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Source Unknown
Stoner Creek 17.3 to 30.1	12.8 miles	KY504482_04	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Animal Feeding Operations; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Stoner Creek 35.7 to 45.1	9.4 miles	KY504482_ 05	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access
Stoner Creek 5.55 to 15.0	9.45 miles	KY504482_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Stoney Fork 0.0 to 2.3	2.3 miles	KY515733_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining; Woodlot Site Clearance
Stoney Fork 0.0 to 2.3	2.3 miles	KY515733_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Turbidity	Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Stony Creek 0.0 to 3.0	3 miles	KY504500_ 00	River	Salt/Licking	Licking River	05100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown
Stony Fork 0.0 to 5.3	5.3 miles	KY504506_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Woodlot Site Clearance
Stony Fork 0.0 to 5.3	5.3 miles	KY504506_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Turbidity	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Woodlot Site Clearance

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Straight Creek 0.0 to 1.8	1.8 miles	KY504549_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Straight Creek 0.0 to 1.8	1.8 miles	KY504549_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Straight Creek 0.0 to 3.8	3.8 miles	KY504550_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Silviculture Harvesting
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining
Straight Fork 0.0 to 1.1	1.1 miles	KY504559_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Surface Mining
Stratton Branch 0.4 to 2.1	1.7 miles	KY504571_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Surface Mining
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

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Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	SCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Specific Conductance	Agriculture; Habitat Modification - Other than Hydromodification; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point Source; Urban Runoff/Storm Sewers
Sturgeon Creek 8.0 to 12.2	4.2 miles	KY515768_01	River	Kentucky	Kentucky River	05100204	Lee	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining
Sugar Camp Branch 0.0 to 1.4	1.4 miles	KY515781_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Pulaski	5-NS	PCR; SCR; WAH	pH	Source Unknown
Sugar Creek 0.0 to 1.3	1.3 miles	KY504653_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Ballard	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat

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Sugar Creek 1.0 to 1.4	0.4 miles	KY504647_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture
Sugar Creek 2.2 to 6.9	4.7 miles	KY504655_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat; Non-Point Source
Sugar Creek 4.8 to 6.0	1.2 miles	KY504657_01	River	Kentucky	Kentucky River	05100205	Garrard	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related)
Sugg Creek 0.0 to 1.3	1.3 miles	KY504712_00	River	Green/Tradewater	Ohio River	05140203	Union	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Sugg Creek 0.0 to 1.3	1.3 miles	KY504712_00	River	Green/Tradewater	Ohio River	05140203	Union	5-NS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	River	Kentucky	Kentucky River	05100205	Henry	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	River	Kentucky	Kentucky River	05100205	Henry	5-NS	WAH	Sedimentation/Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Sulphur Creek 0.0 to 10.0	10 miles	KY504729_01	River	Salt/Licking	Salt River	05140103	Anderson	5-PS	PCR	Escherichia coli	Non-Point Source
Sunfish Creek 6.8 to 10.3	3.5 miles	KY504792_00	River	Green/Tradewater	Green River	05110001	Grayson	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Sweepstakes Branch 1.0 to 4.0	3 miles	KY504845_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Irrigated Crop Production; Non-irrigated Crop Production
Swift Camp Creek 0.0 to 13.95	13.95 miles	KY515834_01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	CAH	Cause Unknown	Source Unknown
Sycamore Creek 0.0 to 1.6	1.6 miles	KY504864_00	River	Green/Tradewater	Green River	05110001	Edmonson	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification
Sycamore Creek 0.0 to 3.8	3.8 miles	KY504877_01	River	Sandy/Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Cause Unknown	Source Unknown

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Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Taylor Fork 0.0 to 4.0	4 miles	KY505019_00	River	Green/Tradewater	Green River	05110001	Grayson	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Unspecified Urban Stormwater
Taylorville Reservoir	3050 acres	KYCLN141_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140102	Spencer	5-PS	FC	Methylmercury	Source Unknown
Taylorville Reservoir	3050 acres	KYCLN141_00	Fresh-water Reservoir	Salt/Licking	Salt River	05140102	Spencer	5-PS	WAH	Oxygen, Dissolved	Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Upstream Source
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	River	Kentucky	Kentucky River	05100205	Grant	5-NS	PCR	Escherichia coli	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Cause Unknown	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_01	River	Salt/Licking	Ohio River	05090201	Campbell	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_01	River	Salt/Licking	Ohio River	05090201	Campbell	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Terrapin Creek 2.8 to 6.9	4.1 miles	KY505081_01	River	Tenn/Miss/Cumberland	Mississippi River	08010202	Graves	5-PS	PCR	Escherichia coli	Source Unknown
Thompson Creek 0.0 to 9.3	9.3 miles	KY505206_01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Three Forks Creek 0.0 to 7.6	7.6 miles	KY505232_00	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-irrigated Crop Production
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	River	Green/Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures); Source Unknown
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Tioga Creek 0.0 to 2.5	2.5 miles	KY505301_01	River	Salt/Licking	Salt River	05140104	Hardin	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts; Upstream Source
Toms Creek 0.0 to 8.0	8 miles	KY505352_01	River	Sandy/Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal (Urbanized High Density Area); Unspecified Urban Stormwater
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Municipal (Urbanized High Density Area); Unspecified Urban Stormwater
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Specific Conductance	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area; Municipal Point Source Discharges); Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges
Town Branch 0.0 to 6.2	6.2 miles	KY505385_01	River	Green/Tradewater	Green River	05110003	Logan	5-NS	FC	Polychlorinated Biphenyls	Industrial Point Source Discharge
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Silviculture Activities

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Trace Creek 0.2 to 4.6	4.4 miles	KY505424_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining

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Trace Fork 1.25 to 3.4	2.15 miles	KY505441_01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Tradewater River 0.0 to 16.8	16.8 miles	KY505460_01	River	Green/Tradewater	Tradewater	05140205	Union	5-NS	PCR	Fecal Coliform	Agriculture
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	SCR	Fecal Coliform	Source Unknown
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Iron	Coal Mining; Crop Production (Crop Land or Dry Land)
Tradewater River 63.1 to 79.4	16.3 miles	KY505460_03	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Oxygen, Dissolved	Agriculture; Sanitary Sewer Overflows (Collection System Failures)
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	River	Green/Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures)
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_01	River	Salt/Licking	Licking River	05100101	Rowan	5-NS	PCR	Fecal Coliform	Source Unknown
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/Siltation	Coal Mining; Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Specific Conductance	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted)
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities
Trough Camp 1.5 to 6.1	4.6 miles	KY505516_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/Siltation	Channelization; Post-development Erosion and Sedimentation
Truman Creek 3.2 to 4.1	0.9 miles	KY505525_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

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Tug Fork 71.9 to 77.7	5.8 miles	KY505554_03	River	Sandy/Tygarts	Big Sandy River	05070201	Pike	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Tunnel Branch 0.0 to 1.7	1.7 miles	KY505568_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Tunnel Branch 0.0 to 1.7	1.7 miles	KY505568_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Temperature, Water	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Dredge Mining; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source

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Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Non-Point Source
Tygarts Creek 36.3 to 45.5	9.2 miles	KY516088_03	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 36.3 to 45.5	9.2 miles	KY516088_03	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 83.2 to 88.6	5.4 miles	KY516088_06	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/Siltation	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Tygarts Creek 83.2 to 88.6	5.4 miles	KY516088_06	River	Sandy/Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non-Point Source
Tyson Branch 0.0 to 2.5	2.5 miles	KY505754_00	River	Green/Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification
Upper Branch 0.0 to 2.8	2.8 miles	KY505861_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Upper Devil Creek 0.0 to 1.0	1 miles	KY516120_00	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Sedimentation/Siltation	Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	River	Kentucky	Kentucky River	05100205	Clark	5-PS	WAH	Cause Unknown	Source Unknown
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	River	Kentucky	Kentucky River	05100205	Clark	5-PS	WAH	Sedimentation/Siltation	Rangeland Grazing
Upper Jacks Creek 0.0 to 2.2	2.2 miles	KY516133_01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Cause Unknown	Source Unknown
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Nitrogen (Total)	Source Unknown
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/Siltation	Surface Mining

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Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Upper Twin Creek 0.0 to 3.6	3.6 miles	KY505917_00	River	Kentucky	Kentucky River	05100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
UT of Blacks Creek 0.0 to 1.7	1.7 miles	KY487421-2.7_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 1.7	1.7 miles	KY487421-2.7_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 1.7	1.7 miles	KY487421-2.7_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421-3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421-3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421-3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blanket Creek 0.0 to 0.2	0.2 miles	KY487466-4.7_01	River	Salt/Licking	Licking River	05100101	Pendleton	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT of Blanket Creek 0.0 to 0.2	0.2 miles	KY487466-4.7_01	River	Salt/Licking	Licking River	05100101	Pendleton	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges
UT of Clay Fork 0.0 to 1.2	1.2 miles	KY489573-2.3_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
UT of Clay Fork 0.0 to 1.2	1.2 miles	KY489573-2.3_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Non-Point Source; Source Unknown

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UT of Cooper Run 0.0 to 1.0	1.0 miles	KY490062-6.95_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Cooper Run 0.0 to 3.05	3.05 miles	KY490062-7.25_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Cooper Run 0.0 to 3.05	3.05 miles	KY490062-7.25_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Non-Point Source
UT of Cooper Run 0.0 to 3.8	3.8 miles	KY490062-5.85_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Cumberland River 0.0 to 1.95	1.95 miles	KY517018-424.7_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
UT of Cumberland River 0.10 to 2.20	2.1 miles	KY517018-8.3_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land)
UT of Cypress Creek 0.0 to 3.4	3.4 miles	KY490526-26.1_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT of East Hickman Creek 0.8 to 2.2	1.4 miles	KY491487-11.8_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT of Elk Fork Creek 0.0 to 4.8	4.8 miles	KY491660-26.4_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-PS	PCR	Escherichia coli	Source Unknown
UT of Flat Run 0.0 to 2.1	2.1 miles	KY492217-3.9_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Flat Run 0.0 to 2.1	2.1 miles	KY492217-3.9_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
UT of Little Laurel River 0.0 to 1.4	1.4 miles	KY513497-16.05_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Municipal (Urbanized High Density Area)
UT of Little Laurel River 0.0 to 1.4	1.4 miles	KY513497-16.05_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
UT of McKinney Branch 0.0 to 1.2	1.2 miles	KY497909-0.3_01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Cause Unknown	Source Unknown
UT of Middle Fork Clarks River 0.00 to 1.3	1.3 miles	KY498115-1.7_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of Middle Fork Massac Creek 0.00 to 2.90	2.9 miles	KY498130-3.7_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of Mill Creek 0.0 to 1.7	1.7 miles	KY498248-1.95_01	River	Salt/Licking	Salt River	05140103	Washington	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
UT of Mudlick Branch 0.0 to 0.6	0.6 miles	KY499058-0.65_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	PCR; SCR; WAH	pH	Surface Mining

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT of Mudlick Branch 0.0 to 0.6	0.6 miles	KY499058-0.65_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
UT of Obion Creek 0.9 to 7.7	6.8 miles	KY499767-38.4_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of Pond Creek 0.0 to 1.15	1.15 miles	KY501040-4.3_01	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT of Pond Creek 0.0 to 1.15	1.15 miles	KY501040-4.3_01	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges
UT of Powder Mill Creek 0.00 to 1.10	1.1 miles	KY514748-3.55_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Cause Unknown	Upstream Source
UT of Smith Creek 0.0 to 1.6	1.6 miles	KY503776-2.2_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Clinton	5-PS	WAH	Cause Unknown	Agriculture; Loss of Riparian Habitat
UT of South Fork Currys Fork 0.0 to 1.8	1.8 miles	KY503919-3.9_01	River	Salt/Licking	Salt River	05140102	Oldham	5-PS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Escherichia coli	Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Cause Unknown	Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers
UT of Strodes Creek 0.0 to 3.7	3.7 miles	KY504593-22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Highway/Road/Bridge Runoff (Non-construction Related), Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
UT of UT of Little Bayou de Chien 0.00 to 0.85	0.85 miles	KY496606-8.6-2.85_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Nitrogen (Total)	Animal Feeding Operations (NPS)
UT of UT of Little Bayou de Chien 0.00 to 0.85	0.85 miles	KY496606-8.6-2.85_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
UT of UT of Little Laurel River 0.0 to 0.1	0.1 miles	KY513497-19.65-1.0_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
UT of UT of North Prong Long Lick Creek 0.0 to 0.25	0.3 miles	KY499585-3.5-0.45_01	River	Salt/Licking	Salt River	05140103	Washington	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges

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UT of UT to Acorn Fork 0.0 to 0.2	0.2 miles	KY510210-1.9-0.27W_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
UT of West Fork Mayfield Creek 0.00 to 3.00	3 miles	KY506439-7.45_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of West Fork Red River 0.00 to 6.0	6 miles	KY506445-40.75_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Todd	5-PS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT to Acorn Fork 0.0 to 0.25	0.25 miles	KY510210-1.9_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
UT to Acorn Fork 0.0 to 0.25	0.25 miles	KY510210-1.9_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
UT to Acorn Fork 0.0 to 0.25	0.25 miles	KY510210-1.9_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Buffalo Run 0.0 to 1.1	1.1 miles	KY488333-1.6_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Sedimentation/Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
UT to Butler Branch 0.0 to 1.7	1.7 miles	KY488506-1.3_00	River	Green/Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run 0.0 to 2.1	2.1 miles	KY488799-12.9_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

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UT to Cane Run 0.0 to 2.4	2.4 miles	KY488799-10.8_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing; Non-irrigated Crop Production
UT to Cane Run 0.0 to 2.4	2.4 miles	KY488799-10.8_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production
UT to Chinns Branch 0.0 to 1.1	1.1 miles	KY489481-0.8_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation
UT to Chinns Branch 0.0 to 1.1	1.1 miles	KY489481-0.8_01	River	Sandy/Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Galloway	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Galloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Oxygen, Dissolved	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers
UT to Cool Springs Creek 0.0 to 1.6	1.6 miles	KY490021-2.6_00	River	Green/Tradewater	Green River	05110001	Adair	5-NS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat
UT to Copper Creek 0.0 to 1.1	1.1 miles	KY490078-1.1_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Copper Creek 0.0 to 1.1	1.1 miles	KY490078-1.1_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown

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UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
UT to Cypress Creek 0.0 to 1.45	1.45 miles	KY490526-28.6_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater
UT to Cypress Creek 0.0 to 1.45	1.45 miles	KY490526-28.6_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Specific Conductance	Coal Mining
UT to Cypress Creek 0.0 to 1.1	1.1 miles	KY490526-29.5_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to Cypress Creek 0.0 to 8.1	8.1 miles	KY490526-16.8_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat

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UT to Cypress Creek 0.0 to 8.1	8.1 miles	KY490526-16.8_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	River	Green/Tradewater	Tradewater	05140205	Caldwell	5-PS	WAH	Sedimentation/Siltation	Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	River	Green/Tradewater	Tradewater	05140205	Caldwell	5-PS	WAH	Specific Conductance	Channelization; Crop Production (Crop Land or Dry Land)
UT to Drakes Creek 0.0 to 2.2	2.2 miles	KY491097-9.8_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
UT to Drakes Creek 0.0 to 2.2	2.2 miles	KY491097-9.8_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
UT to Dry Creek 0.0 to 2.1	2.1 miles	KY491170-2.7_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/Siltation	Channelization
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Total Dissolved Solids	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
UT to Elk Creek 0.0 to 1.0	1 miles	KY491656-8.8_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
UT to EIK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to EIK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to EIK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Specific Conductance	Agriculture
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Surface Mining
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to Flat Creek 0.0 to 3.1	3.1 miles	KY492181-1.9_01	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Cause Unknown	Surface Mining
UT to Flat Creek 3.1 to 4.1	1 miles	KY492181-1.9_02	River	Green/Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672-4.3_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672-4.3_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672-4.3_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011-1.4_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/Siltation	Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nitrates	Source Unknown
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pH	Coal Mining

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UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	River	Green/Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Rural (Residential Areas)
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Rural (Residential Areas)
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Post-development Erosion and Sedimentation; Source Unknown
UT to Little Cypress Creek 0.0 to 1.75	1.75 miles	KY496701-3.1_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to Little Cypress Creek 0.0 to 3.25	3.25 miles	KY496701-4.0_01	River	Green/Tradewater	Green River	05110002	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Logan	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Massac Creek 0.0 to 1.7	1.7 miles	KY497670-13.1_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
UT to Mayfield Creek 0.0 to 1.0	1 miles	KY497717-24.0_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	McCracken	5-NS	WAH	Sedimentation/Siltation	Agriculture
UT to Mayfield Creek 1.1 to 3.5	2.4 miles	KY497717-28.6_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/Siltation	Agriculture
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Phosphorus (Total)	Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Sedimentation/Siltation	Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

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2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Oxygen, Dissolved	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to North Branch Lulbegrud Creek 0.0 to 2.2	2.2 miles	KY499536-2.3_01	River	Kentucky	Kentucky River	05100204	Montgomery	5-NS	WAH	Cause Unknown	Source Unknown
UT to North Elkhorn Creek 0.0 to 3.5	3.5 MILE S	KY499540-71.1_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Escherichia coli	Discharges from Municipal Separate Storm Sewer Systems (MS4); Municipal (Urbanized High Density Area); Residential Districts; Sanitary Sewer Overflows (Collection System Failures); Wet Weather Discharges (Non-Point Source)
UT to Obion Creek 1.6 to 2.2	0.6 miles	KY499767-16.3_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Cause Unknown	Source Unknown
UT to Old Beaver Dam Slough 0.0 to 0.5	0.5 miles	KY499795-0.4_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	River	Salt/Licking	Salt River	05140101	Oldham	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	River	Salt/Licking	Salt River	05140101	Oldham	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	River	Salt/Licking	Salt River	05140101	Oldham	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 2.4	2.4 miles	KY493284-47.3-8.8_00	River	Green/Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Cause Unknown	Surface Mining

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UT to Richland Creek 0.0 to 1.7	1.7 miles	KY501819-2.0_01	River	Green/Tradewater	Green River	05110002	Butler	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
UT to Richland Creek 0.0 to 1.7	1.7 miles	KY501819-2.0_01	River	Green/Tradewater	Green River	05110002	Butler	5-NS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	River	Green/Tradewater	Ohio River	05140203	Crittenden	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	River	Green/Tradewater	Ohio River	05140203	Crittenden	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	River	Green/Tradewater	Ohio River	05140203	Crittenden	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges
UT to Salt River 0.0 to 2.4	2.4 miles	KY502830-124.5_01	River	Salt/Licking	Salt River	05140102	Mercer	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Specific Conductance	Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat

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UT to Smith Fork 0.0 to 0.55	0.55 miles	KY503789-0.95_01	River	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Sedimentation/Siltation	Agriculture; Surface Mining
UT to Southern Ditch 0.0 to 2.6	2.6 miles	KYDOW014-1.1_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
UT to Swift Camp Creek 0.0 to 1.5	1.5 miles	KY515834-11.97_00	River	Kentucky	Kentucky River	05100204	Wolfe	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Septage Disposal
UT to Trace Fork 0.05 to 0.7	0.7 miles	KY505441-1.25_01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
UT to UT to Acorn Fork 0.0 to 0.55	0.55 miles	KY510210-1.9-0.27E_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
UT to UT to Acorn Fork 0.0 to 0.55	0.55 miles	KY510210-1.9-0.27E_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/Natural Gas Activities

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UT to UT to Acorn Fork 0.0 to 0.55	0.55 miles	KY510210-1.9-0.27E_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
UT to UT to Guist Creek 0.0 to 2.4	2.4 miles	KY493463-33.0-1.4_01	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	River	Salt/Licking	Licking River	05100101	Mason	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	River	Salt/Licking	Licking River	05100101	Mason	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	River	Salt/Licking	Licking River	05100101	Mason	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access
UT to UT to Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701-0.9-4.0_01	River	Green/Tradewater	Green River	05110002	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714-0.5-3.5_01	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714-0.5-3.5_01	River	Green/Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Specific Conductance	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
UT to UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714-3.4-0.2_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Sedimentation/Siltation	Agriculture; Channelization; Surface Mining
UT to UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714-3.4-0.2_00	River	Green/Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8	0.65 miles	KY517033-1.0-47.8_01	River	Tenn/Miss/Cumberland	Tennessee River	06040005	Calloway	5-NS	WAH	Cause Unknown	Off-road Vehicles; Silviculture Harvesting
UT to Vulton Creek 0.00 to 2.45	2.45 miles	KY506075-5.6_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Cause Unknown	Agriculture; Animal Feeding Operations (NPS); Loss of Riparian Habitat
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405-1.6_01	River	Green/Tradewater	Green River	05110002	Allen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405-1.6_01	River	Green/Tradewater	Green River	05110002	Allen	5-PS	WAH	Sedimentation/Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405-1.6_01	River	Green/Tradewater	Green River	05110002	Allen	5-PS	WAH	Specific Conductance	Agriculture; Unrestricted Cattle Access
UT to West Fork of Lewis Creek 0.0 to 2.2	2.2 miles	KY506436-1.4_00	River	Green/Tradewater	Green River	05110003	Ohio	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification
UT to Wiggington Creek 0.9 to 1.9	1 miles	KY506716-3.5_00	River	Green/Tradewater	Green River	05110002	Logan	5-NS	WAH	Cause Unknown	Source Unknown
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	River	Green/Tradewater	Green River	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown

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Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations)
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Venters Branch 0.4 to 1.8	1.4 miles	KY506017_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Wallace Fork 0.00 to 3.0	3 miles	KY506143_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Agriculture; Loss of Riparian Habitat
Wallins Creek 0.0 to 4.2	4.2 miles	KY506154_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Erosion from Derelict Land (Barren Land)
Ward Creek 5.1 to 10.3	5.4 miles	KY506219_01	River	Green/ Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Cause Unknown	Source Unknown
Warrens Fork 0.0 to 3.5	3.5 miles	KY506239_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown

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Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Wells Creek 0.0 to 3.5	3.5 miles	KY506380_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting
West Fork Cox Creek 0.0 to 6.9	6.9 miles	KY506428_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
West Fork Mill Creek 0.0 to 1.0	1 miles	KY506440_00	River	Kentucky	Kentucky River	05100205	Carroll	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unspecified Urban Stormwater
West Fork of Clarks River 0.0 to 10.35	10.35 miles	KY506426_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Copper	Source Unknown
West Fork of Clarks River 0.0 to 10.35	10.35 miles	KY506426_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
West Fork of Clarks River 0.0 to 10.35	10.35 miles	KY506426_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
West Fork of Clarks River 20.1 to 28.35	8.25 miles	KY506426_05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	FC	Mercury in Fish Tissue	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
West Fork of Clarks River (Relict Channel) 0.0 to 11.1	11.1 miles	KY506426-10.4_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Cause Unknown	Source Unknown
West Fork of Clarks River (Relict Channel) 19.7 to 22.7	3 miles	KY506427_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	5-PS	FC	Methylmercury	Source Unknown
West Fork of Drakes Creek 0.0 to 23.3	23.3 miles	KY506431_01	River	Green/Tradewater	Green River	05110002	Simpson	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge; Unpermitted Discharge (Industrial/Commercial Wastes)
West Fork of Drakes Creek 26.7 to 32.1	5.4 miles	KY506431_02	River	Green/Tradewater	Green River	05110002	Simpson	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
West Fork of Pond River 1.6 to 8.7	7.3 miles	KY506444_01	River	Green/Tradewater	Green River	05110006	Christian	5-PS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
West Fork of Pond River 20.3 to 26.0	5.7 miles	KY506444_03	River	Green/Tradewater	Green River	05110006	Christian	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations)
West Fork Red River 14.75 to 26.8	12.05 miles	KY1269347_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Christian	5-PS	PCR	Escherichia coli	Source Unknown
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Urban Stormwater

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West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Residential Districts; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Residential Districts; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/Siltation	Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Residential Districts
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Cadmium	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Wayne Branch 1.0 to 8.15	7.15 miles	KY506514_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Nitrogen (Total)	Animal Feeding Operations (NPS)
Wayne Branch 1.0 to 8.15	7.15 miles	KY506514_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Wheel Rim Fork 0.0 to 2.9	2.9 miles	KY506521_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown

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Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source; Source Unknown
Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_01	River	Sandy/Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Non-Point Source; Source Unknown
White Creek 0.0 to 2.2	2.2 miles	KY506579_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat; Non-Point Source
White Lick Creek 0.0 to 2.8	2.8 miles	KY506590_00	River	Kentucky	Kentucky River	05100205	Garrard	5-PS	WAH	Total Suspended Solids (TSS)	Non-irrigated Crop Production; Specialty Crop Production
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Sedimentation/Siltation	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Turbidity	Agriculture
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing; Municipal Point Source Discharges
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Total Dissolved Solids	Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges
White Oak Creek 0.0 to 1.1	1.1 miles	KY485709_01	River	Sandy/Tygarts	Tygarts Creek	05090103	Greenup	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction)

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White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	5-NS	WAH	Iron	Coal Mining
White Oak Creek 7.1 to 11.2	4.1 miles	KY506623_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Whitley Branch 1.1 to 2.6	1.5 miles	KY516339_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Wilgreen Lake	169 acres	KY505023_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilgreen Lake	169 acres	KY505023_01	Fresh-water Reservoir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Oxygen, Dissolved	Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Cause Unknown	Source Unknown
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_01	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/ Destabilization
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources

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Wilson Creek 0.0 to 2.15	2.15 miles	KY506898_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Iron	Source Unknown
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Oxygen, Dissolved	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

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Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	River	Salt/Licking	Salt River	05140103	Nelson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Other Spill Related Impacts
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	River	Salt/Licking	Salt River	05140103	Nelson	5-PS	WAH	Oxygen, Dissolved	Other Spill Related Impacts
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Irrigated Crop Production; Non-irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	River	Green/Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production
Wolf Creek 0.0 to 1.0	1 miles	KY506998_00	River	Green/Tradewater	Tradewater	05140205	Crittenden	5-NS	WAH	Cause Unknown	Source Unknown
Wolf Creek 0.0 to 1.8	1.8 miles	KY516433_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/Siltation	Non-irrigated Crop Production; Surface Mining
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	PCR	Escherichia coli	Unspecified Urban Stormwater
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining

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Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_01	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining; Unspecified Urban Stormwater
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_03	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_03	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_03	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Creek 6.6 to 17.6	11 miles	KY507001_02	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater
Wolf Creek 6.6 to 17.6	11 miles	KY507001_02	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater
Wolf Creek 6.6 to 17.6	11 miles	KY507001_02	River	Sandy/Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	River	Green/Tradewater	Green River	05110003	Logan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Silviculture Activities
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	River	Green/Tradewater	Green River	05110003	Logan	5-PS	WAH	Oxygen, Dissolved	Agriculture

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Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	River	Green/Tradewater	Green River	05110003	Logan	5-PS	WAH	Sedimentation/Siltation	Agriculture; Silviculture Activities; Streambank Modifications/ Destabilization
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/Siltation	Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_01	River	Sandy/Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Silviculture Harvesting; Surface Mining
Wood Creek 0.0 to 1.95	1.95 miles	KY516466_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Laurel	5-NS	CAH	Sedimentation/Siltation	Habitat Modification - Other than Hydromodification
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Non-Point Source

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Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Non-Point Source
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Cause Unknown	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Total Suspended Solids (TSS)	Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/Modification; Urban Runoff/Storm Sewers
Woolper Creek 2.8 to 7.45	4.65 miles	KY485711_01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Agriculture
Wooten Creek 0.0 to 3.0	3 miles	KY516483_00	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste; Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Category	Use	Impairment	Suspected Source(s)
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_ 01	River	Salt/Licking	Salt River	05140103	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Silviculture Activities
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_ 01	River	Salt/Licking	Salt River	05140103	Hardin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Silviculture Activities

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

Proposed Delistings

Chapter 10. Proposed Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Use	Impairment
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_01	River	Salt/Licking	Licking River	05100101	Fleming	WAH	Phosphorus (Total)
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	PCR	Escherichia coli
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Hickman	PCR	Fecal Coliform
Bear Creek 0.0 to 3.3	3.3 miles	KY510462_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	pH
Brooks Run 2.7 to 4.4	1.7 miles	KY487968_02	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
Brooks Run 4.4 to 6.4	2 miles	KY487968_03	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
Brushy Fork 0.0 to 5.8	5.8 miles	KY488131_01	River	Salt/Licking	Licking River	05100101	Pendleton	WAH	Sedimentation/Siltation
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Nutrient/Eutrophication Biological Indicators
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Sedimentation/Siltation
Cartwright Creek 6.6 to 12.7	6.1 miles	KY489030_02	River	Salt/Licking	Salt River	05140103	Washington	WAH	Cause Unknown
Clarks River 51.8 to 55.1	3.3 miles	KY489552_07	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	WAH	Nutrient/Eutrophication Biological Indicators
Clarks River 51.8 to 55.1	3.3 miles	KY489552_07	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	WAH	Organic Enrichment (Sewage) Biological Indicators
Clarks River 51.8 to 55.1	3.3 miles	KY489552_07	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	WAH	Sedimentation/Siltation
Corbin City Reservoir	139 acres	KYCLN052_00	Freshwater Reservoir	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	DWS	Nutrient/Eutrophication Biological Indicators
Corbin City Reservoir	139 acres	KYCLN052_00	Freshwater Reservoir	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Laurel	DWS	Organic Enrichment (Sewage) Biological Indicators
Cumberland River 553.4 to 560.9	7.5 miles	KY517018_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Whitley	PCR	Escherichia coli
Cumberland River 653.25 to 659.95	6.7 miles	KY517018_08	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Iron

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

Proposed Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Use	Impairment
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Nutrient/Eutrophication Biological Indicators
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Oxygen, Dissolved
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Sedimentation/Siltation
Cypress Creek 0.1 to 6.2	6.1 miles	KY490528_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	WAH	Cause Unknown
Glens Creek 0.0 to 4.8	4.8 miles	KY492904_01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Sedimentation/Siltation
Guist Creek Lake	317 acres	KY493464_00	Freshwater Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Manganese
Guist Creek Lake	317 acres	KY493464_00	Freshwater Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Nutrient/Eutrophication Biological Indicators
Guist Creek Lake	317 acres	KY493464_00	Freshwater Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Organic Enrichment (Sewage) Biological Indicators
Harrods Creek 3.2 to 33.3	30.1 miles	KY493826_02	River	Salt/Licking	Salt River	05140101	Oldham	PCR	Fecal Coliform
Indian Creek 2.6 to 7.8	5.2 miles	KY512905_02	River	Kentucky	Kentucky River	05100204	Menifee	CAH	Sedimentation/Siltation
Indian Creek 2.6 to 7.8	5.2 miles	KY512905_02	River	Kentucky	Kentucky River	05100204	Menifee	CAH	Total Dissolved Solids
Johnson Creek 0.0 to 8.2	3.5 miles	KY495400_01	River	Salt/Licking	Licking River	05100101	Robertson	PCR	Fecal Coliform
Licking River 264.85 to 271.45	6.6 miles	KY513416_13	River	Salt/Licking	Licking River	05100101	Magoffin	WAH	Organic Enrichment (Sewage) Biological Indicators
Licking River 264.85 to 271.45	6.6 miles	KY513416_13	River	Salt/Licking	Licking River	05100101	Magoffin	WAH	Specific Conductance
Licking River 271.45 to 293.95	22.5 miles	KY513416_14	River	Salt/Licking	Licking River	05100101	Magoffin	WAH	Specific Conductance
Licking River 30.8 to 37.45	6.65 miles	KY513416_04	River	Salt/Licking	Licking River	05100101	Pendleton	PCR	Fecal Coliform
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	WAH; PCR; SCR	pH

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

Proposed Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Use	Impairment
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	WAH; PCR; SCR	pH
Mayfield Creek 37.7 to 40.4	2.7 miles	KY497717_ 08	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	WAH	Copper
Mayfield Creek 37.7 to 40.4	2.7 miles	KY497717_ 08	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	WAH	Iron
Middle Fork Clarks River 0.0 to 2.7	2.7 miles	KY498115_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Fecal Coliform
Middle Fork Clarks River 0.0 to 2.7	2.7 miles	KY498115_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	WAH	Nutrient/Eutrophication Biological Indicators
Middle Fork Clarks River 0.0 to 2.7	2.7 miles	KY498115_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	WAH	Sedimentation/Siltation
North Fork Licking River 45.5 to 52.55	7.05 miles	KY499554_ 03	River	Salt/Licking	Licking River	05100101	Bracken	PCR	Fecal Coliform
North Fork Licking River 45.5 to 52.55	7.05 miles	KY499554_ 03	River	Salt/Licking	Licking River	05100101	Bracken	WAH	Sedimentation/Siltation
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	WAH	Copper
Ohio River 614.9 to 683.0	68.1 miles	00425264	River	Ohio River Mainstem	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	FC	Mercury in Water Column
Ohio River 683.0 to 719.5	36.5 miles	00425264	River	Ohio River Mainstem	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge , Hancock	FC	Mercury in Water Column
Ohio River 719.5 to 735.7	18.2 miles	00425264	River	Ohio River Mainstem	716.8 to 732.8	05140201	Hancock	FC	Mercury in Water Column
Ohio River 735.7 to 756.4	20.7 miles	00425264	River	Ohio River Mainstem	732.8 to 753.1	05140201	Hancock, Daviess	FC	Mercury in Water Column
Ohio River 756.4 to 760.6	4.2 miles	00425264	River	Ohio River Mainstem	753.1 to 757.0	05140201	Daviess	FC	Mercury in Water Column
Ohio River 760.6 to 776.1	15.5 miles	00425264	River	Ohio River Mainstem	757.0 to 772.35	05140201	Daviess, Henderson	FC	Mercury in Water Column
Ohio River 789.3 to 792.1	2.8 miles	00425264	River	Ohio River Mainstem	785.55 to 788.4	05140202	Henderson	PCR	Escherichia coli

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

Proposed Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Use	Impairment
Ohio River 846.3 to 847.3	1.0 miles	00425264	River	Ohio River Mainstem	842.15 to 843.1	05140202, 05140203	Union	FC	Mercury in Water Column
Ohio River 847.3 to 853.4	6.1 miles	00425264	River	Ohio River Mainstem	843.1 to 849.35	05140203	Union	FC	Mercury in Water Column
Ohio River 853.4 to 857.6	4.2 miles	00425264	River	Ohio River Mainstem	849.35 to 853.3	05140203	Union	FC	Mercury in Water Column
Ohio River 857.6 to 862.1	4.5 miles	00425264	River	Ohio River Mainstem	853.3 to 857.8	05140203	Union	FC	Mercury in Water Column
Ohio River 862.1 to 872.8	10.7 miles	00425264	River	Ohio River Mainstem	857.8 to 868.3	05140203	Union	FC	Mercury in Water Column
Ohio River 872.8 to 878.2	5.4 miles	00425264	River	Ohio River Mainstem	868.3 to 873.25	05140203	Union, Crittenden	FC	Mercury in Water Column
Ohio River 878.2 to 882.9	4.7 miles	00425264	River	Ohio River Mainstem	873.25 to 877.9	05140203	Crittenden	FC	Mercury in Water Column
Ohio River 882.9 to 894.6	11.7 miles	00425264	River	Ohio River Mainstem	877.9 to 889.45	05140203	Crittenden, Livingston	FC	Mercury in Water Column
Ohio River 894.6 to 910.3	15.7 miles	00425264	River	Ohio River Mainstem	889.45 to 904.85	05140203	Livingston	FC	Mercury in Water Column
Ohio River 910.3 to 920.5	10.2 miles	00425264	River	Ohio River Mainstem	904.85 to 914.9	05140203, 05140206	Livingston	FC	Mercury in Water Column
Ohio River 920.5 to 925.8	5.3 miles	00425264	River	Ohio River Mainstem	914.9 to 919.85	05140206	Livingston	FC	Mercury in Water Column
Ohio River 925.8 to 981.0	55.2 miles	00425264	River	Ohio River Mainstem	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	FC	Mercury in Water Column
Townsend Creek 0.0 to 4.9	4.9 miles	KY505401_01	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
West Fork Red River 14.75 to 26.8	12.05 miles	KY1269347_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Christian	CAH	Nutrient/Eutrophication Biological Indicators
West Fork Red River 14.75 to 26.8	12.05 miles	KY1269347_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130206	Christian	CAH	Sedimentation/Siltation

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

Proposed Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin <sup>(1)</sup>	8-Digit HUC	County	Use	Impairment
Willisburg Lake	127 acres	KY506852_00	Freshwater Reservoir	Salt/Licking	Salt River	05140103	Washington	WAH	Nutrient/Eutrophication Biological Indicators
Willisburg Lake	127 acres	KY506852_00	Freshwater Reservoir	Salt/Licking	Salt River	05140103	Washington	WAH	Oxygen, Dissolved
Wilson Creek 0.0 to 2.15	2.15 miles	KY506898_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	PCR	Escherichia coli
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Nutrient/Eutrophication Biological Indicators
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Organic Enrichment (Sewage) Biological Indicators
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Sedimentation/Siltation
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Specific Conductance
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	WAH	Total Dissolved Solids
Yellowbank Creek 1.5 to 11.8	10.3 miles	KY516507_01	River	Salt/Licking	Salt River	05140101	Breckinridge	WAH	Nutrient/Eutrophication Biological Indicators
Yellowbank Creek 1.5 to 11.8	10.3 miles	KY516507_01	River	Salt/Licking	Salt River	05140101	Breckinridge	WAH	Sedimentation/Siltation

<sup>(1)</sup>For the Ohio River Mainstem, NHD river miles are indicated under the Basin column.

EPA Approved TMDLs

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_ 01	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Bacon Creek 0.2 to 17.2	17 miles	KY486197_ 01	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Escherichia coli
Bacon Creek 27.1 to 32.6	5.5 miles	KY486197_ 03	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Escherichia coli
Bacon Creek 27.1 to 32.6	5.5 miles	KY486197_ 03	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_ 02	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Escherichia coli
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_ 02	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Bacon Creek 32.6 to 33.5	0.9 miles	KY486197_ 04	River	Green/ Tradewater	Green River	05110001	Larue	PCR	Escherichia coli
Bailey Creek 0.0 to 2.6	2.6 miles	KY510346_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Balls Branch 0.0 to 4.9	4.9 miles	KY486303_ 01	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Baughman Creek 0.0 to 4.6	4.6 miles	KY486477_ 01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_ 01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Nutrient/Eutrophication Biological Indicators
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_ 01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
Bayou de Chien 14.3 to 26.1	11.8 miles	KY486489_ 03	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	PCR	Escherichia coli
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Fecal Coliform
Bee Creek 0.7 to 2.0	1.3 miles	KY486666_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Bee Creek 0.7 to 2.0	1.3 miles	KY486666_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Fecal Coliform
Beech Creek 0.0 to 3.9	3.9 miles	KY486697_00	River	Green/Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	pH
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Brush Creek 7.1 to 13.0	5.9 miles	KY487146_03	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	River	Green/Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Big Pitman Creek 0.0 to 13.9	13.9 miles	KY487227_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Pitman Creek 0.0 to 13.9	13.9 miles	KY487227_01	River	Green/Tradewater	Green River	05110001	Green	SCR	Fecal Coliform
Big Pitman Creek 13.9 to 17.8	3.9 miles	KY487227_02	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Pitman Creek 17.8 to 23.65	5.85 miles	KY487227_03	River	Green/Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Big Reedy Creek 6.9 to 11.5	4.6 miles	KY487231_01	River	Green/Tradewater	Green River	05110001	Edmonson	PCR	Fecal Coliform
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Blizzard Pond Drainage Canal	3.7 miles	KY487484_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
0.0 to 3.7									
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Fecal Coliform
Blizzard Ponds Drainage Canal 4.8 to 5.8	1 miles	KY487484_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli
Blizzard Ponds Drainage Canal 4.8 to 5.8	1 miles	KY487484_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Fecal Coliform
Blue Lick 0.0 to 4.1	4.1 miles	KY487526_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Brier Creek 0.0 to 4.9	4.9 miles	KY487897_00	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR; SCR; WAH	pH
Brush Creek 1.1 to 7.5	6.4 miles	KY510966_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Brush Creek 0.0 to 2.15	2.15 miles	KY488077_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Butchers Branch 0.3 to 2.4	2.1 miles	KY488498_02	River	Green/Tradewater	Ohio River	05140201	Hancock	PCR; SCR; WAH	pH
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Fecal Coliform
Camp Creek 5.4 to 9.5	4.1 miles	KY488685_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Cane Branch 0.0 to 2.0	2 miles	KY511181_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	McCreary	WAH; PCR; SCR	pH
Cane Creek 0.0 to 3.1	3.1 miles	KY511187_00	River	Kentucky	Kentucky River	05100204	Powell	PCR	Fecal Coliform
Cane Creek 0.0 to 9.5	9.5 miles	KY511190_00	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
Cane Run 0.0 to 4.0	4 miles	KY488786_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	PCR; SCR; WAH	pH
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	PCR	Escherichia coli
Carr Fork 0.0 to 5.9	5.9 miles	KY511230_01	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
Carr Fork 0.0 to 5.9	5.9 miles	KY511230_01	River	Kentucky	Kentucky River	05100201	Perry	SCR	Fecal Coliform
Carr Fork 6.2 to 8.9	3.0 miles	Montgomery Creek to Reservoir dam	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
Carr Fork 6.2 to 8.9	3.0 miles	Montgomery Creek to Reservoir dam	River	Kentucky	Kentucky River	05100201	Perry	SCR	Fecal Coliform
Casey Creek 3.6 to 4.75	1.15 miles	KY485672_01	River	Green/Tradewater	Green River	05110001	Casey	PCR	Fecal Coliform
Cassidy Creek 0.0 to 3.9	3.9 miles	KY489064_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Catron Creek 0.0 to 8.9	8.9 miles	KY489099_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Central Creek 0.8 to 2.5	1.7 miles	KY489283_01	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Carlisle	PCR	Fecal Coliform
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_01	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_01	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Nutrient/Eutrophication Biological Indicators

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Nutrient/Eutrophication Biological Indicators
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Fecal Coliform
Clarks River 13.1 to 20.5	7.4 miles	KY489552_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli
Clarks River 55.6 to 64.7	9.1 miles	KY489552_08	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_02	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Crittenden	PCR	Fecal Coliform
Claylick Creek 2.0 to 4.8	2.8 miles	KY489591_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Crittenden	PCR	Fecal Coliform
Claylick Creek 2.4 to 3.4	1 miles	KY489590_00	River	Green/Tradewater	Green River	05110001	Warren	PCR	Fecal Coliform
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clayton Creek Relict Channel 0.0 to 1.2	1.2 miles	KY491452-63.7_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_05	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_06	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 0.0 to 8.6	8.6 miles	KY511423_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Escherichia coli
Clover Fork 0.0 to 8.6	8.6 miles	KY511423_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 18.2 to 28.2	10 miles	KY511423_04	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cooley Creek 0.65 to 2.3	1.65 miles	KY490025_00	River	Tenn/Miss/Cumberland	Mississippi River	08010201	Graves	PCR	Fecal Coliform
Copper Creek 0.0 to 2.2	2.2 miles	KY511529_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Copperas Fork 0.0 to 4.23	4.23 miles	KY511533_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	pH
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	River	Green/Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	pH
Craborchard Creek 3.4 to 7.3	3.9 miles	KY490247_02	River	Green/Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	pH
Craintown Branch 0.0 to 3.6	3.6 miles	KY490277_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Crooked Creek 5.7 to 12.2	6.5 miles	KY511648_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Crooked Creek 0.1 to 5.7	5.6 miles	KY511648_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Cumberland River 643.6 to 647.7	4.1 miles	KY517018_06	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Cumberland River 683.6 to 694.2	10.4 miles	KY517018_11	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
Damon Creek 0.0 to 1.8	1.8 miles	KY490545_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Damon Creek 0.0 to 1.8	1.8 miles	KY490545_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Fecal Coliform
Dix River 33.3 to 36.1	2.8 miles	KY517054_02	River	Kentucky	Kentucky River	05100205	Garrard	PCR	Escherichia coli
Dix River 36.1 to 43.8	7.7 miles	KY517054_03	River	Kentucky	Kentucky River	05100205	Garrard	PCR	Escherichia coli
Dix River 64.3 to 73.35	9.05 miles	KY517054_04	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Dix River 73.35 to 78.7	5.35 miles	KY517054_05	River	Kentucky	Kentucky River	05100205	Rockcastle	PCR	Escherichia coli
Doty Branch 0.0 to 2.3	2.3 miles	KY492236-12.8_01	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Drakes Creek 1.15 to 7.3	6.15 miles	KY491093_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Drakes Creek 0.0 to 9.0	9 miles	KY491097_01	River	Green/Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	pH
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Caldwell	PCR	Fecal Coliform
Duncan Creek 0.0 to 2.5	2.5 miles	KY491300_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Duncan Creek 0.0 to 2.5	2.5 miles	KY491300_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Fecal Coliform
East Fork Clarks River 7.1 to 8.05	0.95 miles	KY491450_03	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_02	River	Sandy/Tygart	Little Sandy River	05090104	Boyd	WAH	Organic Enrichment (Sewage) Biological Indicators
East Fork of Clarks River 0.0 to 2.7	2.7 miles	KY491450_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_01	River	Green/Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_01	River	Green/Tradewater	Green River	05110001	Metcalfe	SCR	Fecal Coliform
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	River	Green/Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
Eddy Creek 7.7 to 10.25	2.55 miles	KY491550_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Elijahs Creek 0.0 to 5.2	5.2 miles	KY491627_00	River	Salt/Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Ferguson Creek 0.05 to 1.2	1.15 miles	KY492034_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_02	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek 16.0 to 20.8	4.8 miles	KY492236_03	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Floyds Fork 0.0 to 11.7	11.6 miles	KY492278_01	River	Salt/ Licking	Salt River	05140102	Bullitt	WAH	Organic Enrichment (Sewage) Biological Indicators
Floyds Fork 11.7 to 24.2	12.5 miles	KY492278_02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Organic Enrichment (Sewage) Biological Indicators
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Organic Enrichment (Sewage) Biological Indicators
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	WAH	Organic Enrichment (Sewage) Biological Indicators
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Frog Branch 0.0 to 3.4	3.4 miles	KY492562_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Gilberts Creek 0.0 to 1.25	1.25 miles	KY492821_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_00	River	Green/ Tradewater	Green River	05110001	Adair	PCR; SCR	Fecal Coliform
Greasy Creek 0.0 to 4.2	4.2 miles	KY493234_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Hanging Fork of Dix River 0.0 to 15.85	15.85 miles	KY493684_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Hanging Fork of Dix River 0.0 to 15.85	15.85 miles	KY493684_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Fecal Coliform
Hanging Fork of Dix River 15.85 to 24.15	8.3 miles	KY493684_02	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Hanging Fork of Dix River 24.15 to 27.6	3.45 miles	KY493684_03	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Hanging Fork of Dix River 27.6 to 32.2	4.6 miles	KY493684_04	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Harris Creek 0.0 to 6.25	6.25 miles	KY493804_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	River	Salt/Licking	Salt River	05140101	Oldham	WAH	Organic Enrichment (Sewage) Biological Indicators
Haskell Branch 1.2 to 4.5	3.3 miles	KY493854_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Hickory Creek 0.05 to 3.8	3.75 miles	KY494122_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Honey Run 0.0 to 3.65	3.65 miles	KY494483_01	River	Green/Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Huskens Run 0.2 to 1.5	4.9 miles	KY494854_01	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/Tygart	Big Sandy River	05070203	Knott	PCR	Escherichia coli
Knoblick Creek 0.0 to 4.8	4.8 miles	KY495849_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Left Fork Beaver Creek 0.0 to 11.4	11.4	KY496194_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Left Fork Beaver Creek 11.4 to 13.55	2.15 miles	KY496194_02	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Left Fork Beaver Creek 18.7 to 28.6	5.3 miles	KY496194_04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Little Barren River 0.0 to 9.8	9.8 miles	KY496604_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Barren River 9.8 to 15.7	5.9 miles	KY496604_02	River	Green/Tradewater	Green River	05110001	Green	PCR; SCR	Fecal Coliform
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/Cumberland	Ohio River	05140206	McCracken	WAH	Polychlorinated biphenyls
Little Brush Creek 3.2 to 13.2	10 miles	KY496646_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR; SCR; WAH	pH
Little Pitman Creek 10.1 to 11.2	1.1 miles	KY496827_02	River	Green/Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_01	River	Green/Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_01	River	Green/Tradewater	Green River	05110001	Taylor	SCR	Fecal Coliform
Little River 30.1 to 31.4	1.3 miles	KY496838_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	PCR	Fecal Coliform
Little River 31.4 to 45.5	14.1 miles	KY496838_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Trigg	PCR	Fecal Coliform
Little River 45.5 to 57.7	12.2 miles	KY496838_05	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Little Russell Creek 0.0 to 5.1	5.1 miles	KY496854_01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Escherichia coli
Logan Creek 0.0 to 3.15	3.15 miles	KY496980_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Logan Run 0.0 to 2.3	2.3 miles	KY496986_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Looney Creek 0.0 to 5.9	5.9 miles	KY497165_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Lower Cane Creek 0.0 to 4.1	4.1 miles	KY513680_01	River	Kentucky	Kentucky River	05100204	Powell	PCR	Escherichia coli
Lynn Camp Creek 0.0 to 8.3	8.3 miles	KY497374_01	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Lynn Camp Creek 0.0 to 8.3	8.3 miles	KY497374_01	River	Green/ Tradewater	Green River	05110001	Hart	SCR	Fecal Coliform
Martins Fork 0.0 to 10.2	11.8 miles	KY497628_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
McKinney Branch 0.0 to 1.9	1.9 miles	KY497908_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork Beargrass Creek 2.0 to 2.9	0.9 miles	KY498112_02	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork Beargrass Creek 2.9 to 15.3	12.4 miles	KY498112_03	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Middle Fork Clarks River 6.1 to 9.1	3 miles	KY498115_03	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
Middle Fork Right Fork Cane Creek 0.0 to 2.8	2.8 miles	KY513936_01	River	Kentucky	Kentucky River	05100204	Powell	PCR	Escherichia coli
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_01	River	Green/Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_01	River	Green/Tradewater	Green River	05110001	Green	SCR	Fecal Coliform
Middle Pitman Creek 8.2 to 10.1	1.9 miles	KY498146_02	River	Green/Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Muddy Fork Beargrass Creek 0.0 to 6.9	6.9 miles	KY499042_00	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Mussin Branch 0.0 to 1.7	1.7 miles	KY499140_00	River	Salt/Licking	Salt River	05140103	Marion	WAH; PCR; SCR	pH
Newcombe Creek 1.1 to 7.3	6.2 miles	KY499428_01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	WAH	Total Dissolved Solids
Nolin River 37.6 to 88.2	50.6 miles	KY499512_02	River	Green/Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
North Fork Kentucky River 1.3 to 2.3	1 miles	KY514290_02	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork Kentucky River 104.1 to 105.1	1 miles	KY514290_09	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 131.0 to 132.0	1 miles	KY514290_12	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork Kentucky River 145.5 to 147.9	2.4 miles	KY514290_14	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
North Fork Kentucky River 147.9 to 162.0	14.1 miles	KY514290_15	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork Kentucky River 2.3 to 35.7	33.4 miles	KY514290_03	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork Kentucky River 35.7 to 47.2	11.5 miles	KY514290_04	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 47.2 to 48.2	1 miles	KY514290_05	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 48.2 to 55.4	7.2 miles	KY514290_06	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 0.0 to 1.3	1.3 miles	KY514290_01	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork Kentucky River 105.1 to 110.9	5.8 miles	KY514290_10	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 110.9 to 125.0	14.1 miles	KY514290_11	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 125.0 to 131.0	6 miles	KY514290_11A	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 132.0 to 145.5	13.5 miles	KY514290_13	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork Kentucky River 55.4 to 77.1	21.7 miles	KY514290_07	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 77.7 to 89.75	12.65 miles	KY514290_07A	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
North Fork Kentucky River 89.75 to 99.95	10.2 miles	KY514290_08	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 99.95 to 104.1	4.15 miles	KY514290_08A	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Panther Creek 0.0 to 3.1	3.1 miles	KY500155_01	River	Tenn/Miss/Cumberland	Tennessee River	06040005	Graves	PCR	Escherichia coli
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	River	Green/Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Peyton Creek 0.0 to 4.1	4.1 miles	KY500504_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Pleasant Run 0.0 to 2.0	2 miles	KY500906_01	River	Green/Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	pH
Pleasant Run 2.0 to 7.8	5.8 miles	KY500906_02	River	Green/Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	pH
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_05	River	Green/Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	pH

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	pH
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	River	Green/Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	pH
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	River	Green/Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	pH
Poor Fork of Cumberland River 0.0 to 14.9	14.9 miles	KY514707_01	River	Upper Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 16.3 to 31.8	15.5 miles	KY514707_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poplar Creek 0.0 to 1.2	1.2 miles	KY501096_01	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Poplar Grove Branch 0.0 to 3.4	3.4 miles	KY501108_00	River	Green/Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Puckett Creek 0.0 to 9.9	9.9 miles	KY501413_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	River	Green/Tradewater	Green River	05110003	Ohio	PCR; SCR; WAH	pH
Richland Creek 0.7 to 5.4	4.7 miles	KY501820_00	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Richland Creek 11.6 to 21.5	9.9 miles	KY514915_03	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	PCR	Escherichia coli
Richland Creek 6.3 to 11.6	5.3 miles	KY514915	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	Floyd	Fecal coliform
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Right Fork Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	PCR	Escherichia coli
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Right Fork Cane Creek 2.2 to 5.2	3 miles	KY514935_01	River	Kentucky	Kentucky River	05100204	Powell	PCR	Escherichia coli
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	pH
Russell Creek 23.8 to 40.0	16.2 miles	KY502521_04	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 23.8 to 40.0	16.2 miles	KY502521_04	River	Green/Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_05	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_05	River	Green/Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_07	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_07	River	Green/Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	WAH; PCR; SCR	pH
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Sand Lick Branch 0.0 to 1.2	1.2 miles	KY502926_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Sand Lick Fork 0.0 to 5.3	5.3 miles	KY515225_01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Sandy Creek 0.1 to 2.4	2.3 miles	KY502979_00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	River	Sandy/Tygart	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Sleepy Run 0.0 to 2.8	2.8 miles	KY503678_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Soldier Creek 0.0 to 5.7	5.7 miles	KY503868_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
South Fork Camp Creek 0.0 to 1.35	1.3 miles	KY503908_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_01	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_01	River	Green/Tradewater	Green River	05110001	Metcalfe	SCR	Fecal Coliform
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	River	Green/Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
South Fork Red River 0.0 to 3.9	3.9 miles	KY515547_01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
South Fork Red River 3.9 to 10.1	6.2 miles	KY515547_02	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Spring Creek 3.6 to 5.4	1.8 miles	KY504124_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Straight Creek 0.0 to 1.7	1.7 miles	KY515746_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	PCR	Escherichia coli
Straight Creek 1.7 to 23.5	21.6 miles	KY515746_02	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Stump Cave Branch 0.0 to 2.4	2.4 miles	KY515765_01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Sugar Creek 0.0 to 5.3	5.3 miles	KY504656_00	River	Green/Tradewater	Tradewater	05140205	Hopkins	PCR; SCR; WAH	pH
Sugar Creek 2.2 to 6.9	4.7 miles	KY504655_01	River	Tenn/Miss/Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Sulphur Creek 0.0 to 10.7	10.7 miles	KY504734_01	River	Green/Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Tampa Branch 0.0 to 2.15	2.15 miles	KY504931_01	River	Green/Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Taylorville Reservoir	3050 acres	KYCLN141_00	Freshwater Reservoir	Salt/Licking	Salt River	05140102	Spencer	WAH	Nutrient/Eutrophication Biological Indicators
Town Branch 0.0 to 4.0	4 miles	KY505381_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Townsend Creek 11.8 to 14.9	4.9 miles	KY505401_05	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Townsend Creek 2.9 to 4.8	4.9 miles	KY505401_02	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Townsend Creek 4.8 to 10.0	4.9 miles	KY505401_03	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Trace Creek 1.1 to 5.9	4.8 miles	KY505419_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
UT of Blizzard Ponds Drainage Canal at RM 3.7 0.0 to 4.2	4.2 miles	KY487484-3.7_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
UT of Cypress Creek 0.0 to 3.4	3.4 miles	KY490526-26.1_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT of South Fork Camp Creek at RM 0.05 0.0 to 3.0	3 miles	KY503908-0.05_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
UT to Bacon Creek at RM 17.8, 0.0 to 3.7	3.7 miles	KY486187_17.8	River	Green/Tradewater	Green River	05110001	Hart	PCR	Escherichia coli
UT to Bacon Creek at RM 28.9, 0.0 to 2.45	3.8 miles	KY486197_28.9	River	Green/Tradewater	Green River	05110001	Larue	PCR	Escherichia coli
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Nutrient/Eutrophication Biological Indicators
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
UT to Chestnut Creek 0.0 to 0.7	0.7 miles	KY489424-2.8_00	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
UT to Cypress Creek 0.0 to 1.45	1.45 miles	KY490526-28.6_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Cypress Creek 0.0 to 3.0	3 miles	KY490526-26.3_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Fleming Creek 0.0 to 2.1	2.1 miles	KY492236-4.4_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
UT to Little Cypress Creek 0.0 to 1.75	1.75 miles	KY496701-3.1_01	River	Green/Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Little Cypress Creek 0.0 to 3.25	3.25 miles	KY496701-4.0_01	River	Green/Tradewater	Green River	05110002	Muhlenberg	PCR	Escherichia coli
UT to Rolling Fork 0.0 to 0.6	0.6 miles	KY502293-94.6_00	River	Salt/Licking	Salt River	05140103	Marion	WAH; PCR; SCR	pH

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
UT to South Fork of Russell Creek 0.0 to 0.6	0.6 miles	KY503945-4.8_00	River	Green/Tradewater	Green River	05110001	Green	WAH	Total Dissolved Solids
UT to UT to Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701-0.9-4.0_01	River	Green/Tradewater	Green River	05110002	Muhlenberg	PCR	Escherichia coli
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	River	Green/Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Valley Creek 10.8 to 12.6	1.8 miles	KY505940_03	River	Green/Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
West Fork Clarks River 10.35 to 13.1	2.75 miles	KY506426_02	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
West Fork Clarks River 28.35 to 31.25	2.9 miles	KY506426_06	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
West Fork Clarks River 31.25 to 34.1	2.85 miles	KY506426_07	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
West Fork of Clarks River 0.0 to 10.35	10.35 miles	KY506426_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli
West Fork of Clarks River 13.1 to 17.2	4.1 miles	KY506426_03	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
West Fork of Clarks River 20.1 to 28.35	8.25 miles	KY506426_05	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
West Fork of Clarks River (Relict Channel) 0.0 to 11.1	11.1 miles	KY506426-10.4_01	River	Tenn/Miss/Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	River	Kentucky	Kentucky River	05100205	Garrard	PCR	Escherichia coli
White Oak Creek 0.0 to 3.4	3.4 miles	KY506612_01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli

EPA Approved TMDLs

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_01	River	Tenn/Miss/Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	pH
Wildcat Branch 0.0 to 2.1	2.1 miles	KY516359_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130103	Pulaski	WAH; PCR; SCR	pH
Wilson Run 0.0 to 5.1	5.1 miles	KY506915_00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Yocum Creek 0.0 to 6.5	6.5 miles	KY507228_00	River	Tenn/Miss/Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Appendix A. Kentucky River Basin Unit 303(d) List: Narrative**

**A.1 Kentucky River Basin Rivers**

**Arnolds Creek 0.0 to 10.8 (10.8 mi)**

**Grant County**

*Into Ten Mile Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Streambank Modifications/Destabilization

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop and implement a Watershed Plan for the Ten Mile Creek watershed, focused on failing On-site Treatment Systems, and to perform post BMP water quality success monitoring.

**Bailey Run 0.0 to 2.9 (2.9 mi)**

**Anderson County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Source Unknown; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown; Unspecified Urban Stormwater

**Balls Fork 8.3 to 11.3 (3 mi)**

**Knott County**

*Into Troublesome Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Beals Run 0.0 to 1.9 (1.9 mi)**

**Woodford County**

*Into South Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Benson Creek 0.0 to 4.6 (4.6 mi)**

**Franklin County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Benson Creek 4.6 to 6.7 (2.1 mi)**

**Franklin County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Benson Creek 6.7 to 13.4 (6.7 mi)**

**Franklin County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Big Caney Creek 0.3 to 8.0 (7.7 mi)**

**Breathitt County**

*Into Quicksand Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Big Twin Creek 0.0 to 3.8 (3.8 mi)**

**Owen County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

**Big Willard Creek 0.0 to 4.5 (4.5 mi)**

**Perry County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Black John Branch 0.0 to 0.4 (0.4 mi)**

**Knott County**

*Into Defeated Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Selenium

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

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**Blair Branch 0.0 to 0.7 (0.7 mi)**

**Knott County**

*Into Defeated Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Boone Creek 7.4 to 12.6 (5.2 mi)**

**Fayette County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Bowen Creek 0.0 to 1.5 (1.5 mi)**

**Leslie County**

*Into Red Bird River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Breeding Branch 0.9 to 4.2 (3.3 mi)**

**Knott County**

*Into Breeding Creek (Carr Fork Reservoir)*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

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**Brush Creek 0.0 to 6.6 (6.6 mi)**

**Powell County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Buckhorn Creek 0.0 to 2.4 (2.4 mi)**

**Breathitt County**

*Into Troublesome Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Buckhorn Creek 2.4 to 6.8 (4.4 mi)**

**Breathitt County**

*Into Troublesome Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

**Bull Creek 0.0 to 2.0 (2 mi)**

**Knox County**

*Into Collins Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

**Cane Run 0.0 to 3.0 (3 mi)**

**Scott County**

*Into North Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation

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with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Cane Run 3.0 to 9.6 (6.6 mi)**

**Scott County**

*Into North Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations)

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Cane Run 9.6 to 17.4 (7.8 mi)**

**Fayette County**

*Into North Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

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**Caney Creek 0.0 to 1.5 (1.5 mi)**

**Owen County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Carr Fork 6.2 to 8.9 (2.7 mi)**

**Knott County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Carr Fork 15.6 to 26.4 (10.8 mi)**

**Knott County**

*Into Carr Fork Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Cat Creek 0.0 to 8.0 (8 mi)**

**Powell County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

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**Cedar Creek 0.0 to 9.4 (9.4 mi)**

**Owen County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Silviculture Activities

**Chambers Fork 0.7 to 1.1 (0.4 mi)**

**Wolfe County**

*Into Baptist Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

**Clarks Run 0.7 to 4.4 (3.7 mi)**

**Boyle County**

*Into Dix River (Herrington Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges; Source Unknown; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Municipal Point Source Discharges; Streambank

Modifications/Destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW utilized \$342,800 Section 319(h) Grant funds (FFY2002) to develop Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. In FFY2010, KDOW awarded \$200,460 Section 319(h) Grant funds to the City of Danville to work with the Dix River Watershed Council to implement the Plan. KDOW awarded \$194,400 Section 319(h) Grant funds (FFY2011) to the Lincoln and Boyle County Conservation Districts for implementation of agricultural practices outlined in the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Clarks Run 6.7 to 14.3 (7.6 mi)**

**Boyle County**

*Into Dix River (Herrington Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Streambank Modifications/Destabilization

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In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW utilized \$342,800 Section 319(h) Grant funds (FFY2002) to develop Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. In FFY2010, KDOW awarded \$200,460 Section 319(h) Grant funds to the City of Danville to work with the Dix River Watershed Council to implement the Plan. KDOW awarded \$194,400 Section 319(h) Grant funds (FFY2011) to the Lincoln and Boyle County Conservation Districts for implementation of agricultural practices outlined in the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Collins Fork 2.4 to 6.3 (3.9 mi)**

**Clay County**

*Into Goose Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Cope Fork 0.0 to 1.9 (1.9 mi)**

**Breathitt County**

*Into Frozen Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Crane Creek 0.0 to 5.4 (5.4 mi)**

**Clay County**

*Into South Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

**Crystal Creek 0.0 to 2.3 (2.3 mi)**

**Lee County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Landfills

**Cutshin Creek 9.7 to 10.7 (1 mi)**

**Leslie County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

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**David Fork 0.0 to 1.65 (1.65 mi)**

**Fayette County**

*Into North Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Defeated Creek 0.5 to 1.6 (1.1 mi)**

**Knott County**

*Into Carr Creek Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Selenium

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The 2010 303(d) list mistakenly had Cold Water Aquatic Habitat as an impaired use for this segment.

**Dry Run 0.0 to 3.1 (3.1 mi)**

**Scott County**

*Into North Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Managed Pasture Grazing; Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Source Unknown

KDOW awarded \$158,500 Section 319(h) Grant funds (FFY2004) to the Georgetown/Scott County Planning Commission to conduct an urban water quality demonstration project on land use BMP decision processes in the Dry Run watershed.

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**Duck Fork 0.0 to 4.8 (4.8 mi)**

**Lee County**

*Into Sturgeon Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Eagle Creek 31.6 to 36.5 (4.9 mi)**

**Grant County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop and implement a Watershed Plan for the Ten Mile Creek watershed, focused on failing On-site Treatment Systems, and to perform post BMP water quality success monitoring.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Eagle Creek 50.8 to 58.5 (7.7 mi)**

**Grant County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop and implement a Watershed Plan for the Ten Mile Creek watershed, focused on failing On-site Treatment Systems, and to perform post BMP water quality success monitoring.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**East Fork Otter Creek 0.0 to 2.7 (2.7 mi)**

**Madison County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

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**East Hickman Creek 4.2 to 10.2 (6 mi)**

**Fayette County**

*Into Hickman Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Elk Creek 0.0 to 1.6 (1.6 mi)**

**Owen County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Elkhorn Creek 0.0 to 18.2 (18.2 mi)**

**Franklin County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

**Flat Creek 0.0 to 7.1 (7.1 mi)**

**Franklin County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County.

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**Flaxpatch Branch 0.1 to 2.6 (2.5 mi)**

**Knott County**

*Into Carr Fork Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Frozen Creek 0.0 to 13.9 (13.9 mi)**

**Breathitt County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

**Goose Creek 0.0 to 1.85 (1.8 mi)**

**Shelby County**

*Into Benson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification;  
Highway/Road/Bridge Runoff (Non-construction Related)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification;  
Highway/Road/Bridge Runoff (Non-construction Related)

KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Goose Creek 1.85 to 4.2 (2.35 mi)**

**Shelby County**

*Into Benson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations)

KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

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**Goose Creek 0.0 to 8.3 (8.3 mi)**

**Clay County**

*Into South Fork Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Grapevine Creek 0.0 to 1.1 (1.1 mi)**

**Perry County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Hardwick Creek 0.0 to 3.2 (3.2 mi)**

**Powell County**

*Into Red River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Hatton Creek 0.0 to 4.2 (4.2 mi)**

**Powell County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

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**Hawes Fork 0.0 to 4.4 (4.4 mi)**

**Breathitt County**

*Into Quicksand Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Hector Branch 0.0 to 5.5 (5.5 mi)**

**Clay County**

*Into Red Bird River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Hickman Creek 0.0 to 6.0 (6 mi)**

**Jessamine County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Hickman Creek 6.0 to 25.5 (19.5 mi)**

**Jessamine County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Holly Creek 0.0 to 6.2 (6.2 mi)**

**Wolfe County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

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**Horse Creek 0.0 to 8.3 (8.3 mi)**

**Clay County**

*Into Goose Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

**Irishman Creek 0.0 to 4.3 (4.3 mi)**

**Knott County**

*Into Carr Fork Reservoir*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Johnson Fork 0.0 to 0.5 (0.5 mi)**

**Wolfe County**

*Into Lacy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Residential Districts

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Residential Districts

**Judy Creek 0.0 to 1.5 (1.5 mi)**

**Powell County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Kentucky River 0.3 to 11.5 (11.2 mi)**

**Owen County**

*Into Ohio River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

**Kentucky River 53.2 to 66.95 (13.75 mi)**

**Franklin County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Kentucky River 67.0 to 84.25 (17.25 mi)**

**Franklin County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Kentucky River 99.1 to 119.9 (20.8 mi)**

**Jessamine County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Kentucky River 121.1 to 138.5 (17.4 mi)**

**Jessamine County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Kentucky River 153.75 to 209.8 (56.05 mi)**

**Jessamine County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Lacy Creek 0.0 to 7.25 (7.25 mi)**

**Wolfe County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

**Laurel Creek 3.8 to 4.8 (1 mi)**

**Clay County**

*Into Goose Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

**Leatherwood Creek 1.55 to 3.1 (1.55 mi)**

**Perry County**

*Into Middle Fork of Kentucky River (Buckhorn Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Left Fork Island Creek 0.0 to 5.0 (5 mi)**

**Owsley County**

*Into Island Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Left Fork Millstone Creek 1.6 to 2.9 (1.3 mi)**

**Letcher County**

*Into Millstone Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,  
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

**Lick Creek 0.0 to 5.4 (5.4 mi)**

**Carroll County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian  
Habitat; Post-development Erosion and Sedimentation; Unspecified Urban  
Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Post-  
development Erosion and Sedimentation; Unspecified Urban Stormwater

**Line Fork 9.1 to 11.6 (2.5 mi)**

**Letcher County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

**Line Fork 11.6 to 27.5 (15.9 mi)**

**Letcher County**

*Into Franks Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems); Sewage Discharges in Unsewered Areas

Since 1994, the Division of Water has awarded \$402,200 Section 319(h) Grant funds (FFY1994 and 2002) to the Kentucky Area Development District and the Letcher County Sewer and Water District to reduce straight pipe pathogen loading in the upper North Fork. In 1997, the Letcher County Water and Sewer District was formed to plan for drinking water and wastewater facilities.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Little Carr Fork 0.0 to 4.8 (4.8 mi)**

**Knott County**

*Into Carr Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Little Smith Branch 0.3 to 1.4 (1.1 mi)**

**Knott County**

*Into Smith Branch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Little Willard Creek 0.0 to 2.5 (2.5 mi)**

**Perry County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

**Long Fork 0.0 to 4.6 (4.6 mi)**

**Breathitt County**

*Into Buckhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Lost Creek 0.0 to 3.7 (3.7 mi)**

**Breathitt County**

*Into Troublesome Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Lost Creek 3.7 to 8.95 (5.25 mi)**

**Breathitt County**

*Into Troublesome Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Turbidity

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

**Lotts Creek 0.4 to 1.0 (0.6 mi)**

**Knott County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment)

**Lotts Creek 1.2 to 6.0 (4.8 mi)**

**Perry County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Turbidity

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Lower Howard Creek 2.65 to 6.2 (3.55 mi)**

**Clark County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Lulbehrud Creek 0.0 to 7.3 (7.3 mi)**

**Clark County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

**Marble Creek 0.05 to 3.9 (3.85 mi)**

**Jessamine County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Streambank Modifications/Destabilization

**McConnell Run 0.0 to 4.4 (4.4 mi)**

**Scott County**

*Into North Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Meadow Creek 0.5 to 3.7 (3.2 mi)**

**Owsley County**

*Into South Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Middle Fork Kentucky River 6.45 to 12.6 (6.15 mi)**

**Lee County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Middle Fork, Kentucky River 61.5 to 64.2 (2.7 mi)**

**Leslie County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Middle Fork of Kentucky River 67.0 to 73.4 (6.4 mi)**

**Leslie County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Production;  
Rangeland Grazing

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Activities; Reclamation of Inactive Mining; Surface  
Mining

**Mill Creek 0.0 to 3.3 (3.3 mi)**

**Letcher County**

*Into Rockhouse Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian  
Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface  
Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian  
Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface  
Mining

**Mocks Branch 1.6 to 5.7 (4.1 mi)**

**Boyle County**

*Into Dix River (Herrington Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

RC&D, Inc. to implement watershed restoration strategies: (1) \$185,773 to develop an HSPF model (FFY1997) and (2) \$121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999).

**Moseby Branch 0.0 to 2.2 (2.2 mi)**

**Owen County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Muddy Creek 0.0 to 20.2 (20.2 mi)**

**Madison County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Muncy Creek 2.7 to 4.7 (2 mi)**

**Leslie County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

**Noland Creek 0.05 to 1.2 (1.15 mi)**

**Estill County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**North Benson Creek 0.8 to 2.0 (1.2 mi)**

**Franklin County**

*Into Benson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related);  
Highways, Roads, Bridges, Infrastructure (New Construction)

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**North Elkhorn Creek 44.75 to 66.0 (21.25 mi)**

**Fayette County**

*Into Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Agriculture

**North Elkhorn Creek 66.0 to 73.75 (7.75 mi)**

**Fayette County**

*Into Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**North Fork North Benson Creek 0.0 to 2.2 (2.2 mi)**

**Franklin County**

*Into North Benson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

KDOW awarded \$54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded \$342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed, focused on sediment issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**North Fork Kentucky River 145.5 to 147.9 (2.4 mi)**

**Letcher County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production; Urban Runoff/Storm Sewers

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**North Fork Kentucky River 147.9 to 162.0 (14.1 mi)**

**Letcher County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Silviculture Activities; Urban Runoff/Storm Sewers

**Paint Lick Creek 0.0 to 7.5 (7.5 mi)**

**Garrard County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

**Plum Branch 0.0 to 3.9 (3.9 mi)**

**Powell County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Polls Creek 0.0 to 4.7 (4.7 mi)**

**Leslie County**

*Into Cutshin Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Potter Fork 0.0 to 4.4 (4.4 mi)**

**Letcher County**

*Into Boone Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Since 1994, the Division of Water has awarded \$402,200 Section 319(h) Grant funds (FFY1994 and 2002) to the Kentucky Area Development District and the Letcher County Sewer and Water District to reduce straight pipe pathogen loading in the upper North Fork. In 1997, the Letcher County Water and Sewer District was formed to plan for drinking water and wastewater facilities.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Puncheon Camp Creek 0.0 to 3.2 (3.2 mi)**

**Breathitt County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Quicksand Creek 0.0 to 17.0 (17 mi)**

**Breathitt County**

*Into North Fork Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Turbidity

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Quicksand Creek 21.7 to 30.8 (9.1 mi)**

**Breathitt County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining

**Rattlesnake Creek 0.0 to 1.2 (1.2 mi)**

**Grant County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Red Bird River 0.0 to 15.3 (15.3 mi)**

**Clay County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

**Red Lick Creek 0.0 to 5.0 (5 mi)**

**Estill County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Red River 64.1 to 67.6 (3.5 mi)**

**Wolfe County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

**Red River 70.0 to 83.9 (13.9 mi)**

**Wolfe County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat;  
Managed Pasture Grazing

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

**Red River 89.5 to 93.4 (3.9 mi)**

**Wolfe County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

**Richland Creek 0.0 to 0.8 (0.8 mi)**

**Owen County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Specialty Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Right Fork Lacy Creek 0.0 to 2.2 (2.2 mi)**

**Wolfe County**

*Into Lacy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Right Fork Millstone Creek 0.0 to 1.6 (1.6 mi)**

**Letcher County**

*Into Left Fork Millstone Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Rockhouse Creek 0.0 to 3.6 (3.6 mi)**

**Letcher County**

*Into North Fork Kentucky River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

Since 1994, the Division of Water has awarded \$402,200 Section 319(h) Grant funds (FFY1994 and 2002) to the Kentucky Area Development District and the Letcher County Sewer and Water District to reduce straight pipe pathogen loading in the upper North Fork. In 1997, the Letcher County Water and Sewer District was formed to plan for drinking water and wastewater facilities.

**Rose Fork 0.0 to 3.1 (3.1 mi)**

**Wolfe County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Salt River of Sixmile Creek 0.0 to 4.5 (4.5 mi)**

**Henry County**

*Into Sixmile Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Sand Lick Fork 0.0 to 5.3 (5.3 mi)**

**Powell County**

*Into North Elkhorn Creek*

Impaired Use: (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

**Sexton Creek 0.1 to 17.2 (17.1 mi)**

**Clay County**

*Into Goose Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)

**Silver Creek 11.1 to 29.8 (18.7 mi)**

**Madison County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation

**Smith Branch 0.7 to 2.5 (1.8 mi)**

**Knott County**

*Into Carr Fork (Carr Fork Reservoir)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Snow Creek 0.0 to 3.9 (3.9 mi)**

**Powell County**

*Into Lulbehrud Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**South Elkhorn Creek 5.05 to 16.6 (11.55 mi)**

**Franklin County**

*Into Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Sediment Resuspension (Clean Sediment)

Pollutant: Total Dissolved Solids

Suspected Sources: Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$54,400 Section 319(h) Grants (FFY1999 and FFY2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to assist agricultural landowners with developing and implementing Agriculture Water Quality Plans in the Elkhorn Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**South Elkhorn Creek 16.6 to 34.5 (17.9 mi)**

**Woodford County**

*Into Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Rangeland Grazing; Urban Runoff/Storm Sewers

Pollutant: Total Dissolved Solids

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Rangeland Grazing

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**South Elkhorn Creek 34.5 to 52.7 (18.2 mi)**

**Woodford County**

*Into Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Sedimentation/Siltation  
Suspected Sources: Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Pollutant: Total Dissolved Solids  
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**South Fork Kentucky River 11.75 to 18.9 (7.15 mi)**

**Owsley County**

*Into Kentucky River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

**South Fork Quicksand Creek 0.0 to 16.9 (16.9 mi)**

**Breathitt County**

*Into Quicksand Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Spears Creek 1.0 to 6.2 (5.2 mi)**

**Boyle County**

*Into Herrington Lake (Mocks Branch)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation  
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/Destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) \$185,773 to develop an HSPF model (FFY1997) and (2) \$121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999).

**Spring Fork 3.1 to 6.9 (3.8 mi)**

**Breathitt County**

*Into Quicksand Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity  
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Squabble Creek 0.0 to 4.7 (4.7 mi)**

**Perry County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Station Camp Creek 0.0 to 21.3 (21.3 mi)**

**Jackson County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Other Recreational Pollution Sources

**Steeles Run 0.0 to 5.1 (5.1 mi)**

**Fayette County**

*Into South Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Manure Runoff

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Manure Runoff

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Stevens Creek 14.4 to 17.1 (2.7 mi)**

**Owen County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Stillwater Creek 0.0 to 3.5 (3.5 mi)**

**Wolfe County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

**Stinnett Creek 1.3 to 4.7 (3.4 mi)**

**Leslie County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment)

**Sturgeon Creek 8.0 to 12.2 (4.2 mi)**

**Lee County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Sugar Creek 4.8 to 6.0 (1.2 mi)**

**Garrard County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Sulphur Creek 0.0 to 1.4 (1.4 mi)**

**Henry County**

*Into Drennon Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

**Swift Camp Creek 0.0 to 13.95 (13.95 mi)**

**Wolfe County**

*Into Red River of Kentucky River*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Tate Creek 0.0 to 6.5 (6.5 mi)**

**Madison County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Ten Mile Creek 0.0 to 3.0 (3 mi)**

**Grant County**

*Into Eagle Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved  
Suspected Sources: Source Unknown

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop and implement a Watershed Plan for the Ten Mile Creek watershed, focused on failing On-site Treatment Systems, and to perform post BMP water quality success monitoring.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Three Forks Creek 0.0 to 7.6 (7.6 mi)**

**Grant County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Town Branch 0.0 to 9.2 (9.2 mi)**

**Fayette County**

*Into South Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Municipal Point Source Discharges

Pollutant: Specific Conductance  
Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Town Branch 9.2 to 10.8 (1.6 mi)**

**Fayette County**

*Into South Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area; Municipal Point Source Discharges); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Town Branch 10.8 to 12.1 (1.3 mi)**

**Fayette County**

*Into South Elkhorn Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Trace Fork 1.25 to 3.4 (2.15 mi)**

**Knott County**

*Into Carr Fork Reservoir*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Troublesome Creek 0.0 to 45.1 (45.1 mi)**

**Breathitt County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Municipal Point Source Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted)

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities

Pollutant: Turbidity

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities

**Upper Devil Creek 0.0 to 1.0 (1 mi)**

**Wolfe County**

*Into North Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**Upper Howard Creek 0.0 to 3.2 (3.2 mi)**

**Clark County**

*Into Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Rangeland Grazing

**Upper Jacks Creek 0.0 to 2.2 (2.2 mi)**

**Clay County**

*Into Red Bird River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Upper Twin Creek 0.0 to 3.6 (3.6 mi)**

**Breathitt County**

*Into Middle Fork Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**UT of East Hickman Creek 0.8 to 2.2 (1.4 mi)**

**Fayette County**

*Into East Hickman Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Cane Run 0.0 to 2.1 (2.1 mi)**

**Fayette County**

*Into Cane Run*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT to Cane Run 0.0 to 2.4 (2.4 mi)**

**Fayette County**

*Into Cane Run*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT to Cane Run 0.0 to 3.5 (3.5 mi)**

**Scott County**

*Into Cane Run*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT to Engle Fork 0.0 to 0.5 (0.5 mi)**

**Perry County**

*Into Engle Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**UT to N. Elkhorn Creek 0.0 to 5.6 (5.6 mi)**

**Fayette County**

*Into North Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**UT to North Branch Lulbehrad Creek 0.0 to 2.2 (2.2 mi)**

**Montgomery County**

*Into North Branch Lulbehrad Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**UT to North Elkhorn Creek 0.0 to 3.5 (3.5 mi)**

**Fayette County**

*Into North Elkhorn Creek*

Impaired Use: (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4);  
Municipal (Urbanized High Density Area); Residential Districts; Sanitary  
Sewer Overflows (Collection System Failures); Wet Weather Discharges  
(Non-Point Source)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4);  
Municipal (Urbanized High Density Area); Residential Districts; Sanitary  
Sewer Overflows (Collection System Failures); Wet Weather Discharges  
(Non-Point Source)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Smith Fork 0.0 to 0.55 (0.55 mi)**

**Madison County**

*Into Smith Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Surface Mining

**UT to Swift Camp Creek 0.0 to 1.5 (1.5 mi)**

**Wolfe County**

*Into Swift Camp Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Septage Disposal

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the US Forest Service to develop and implement a Watershed Based Plan for the Red River Gorge area of the Daniel Boone National Forest. The US Forest Service has developed and is implementing the part of the Plan focused on protecting the Red River Gorge from illegal user-made campsites and trails. Kentucky Waterways Alliance is working with the Red River Watershed Team to develop the part of the Plan for headwaters areas outside the National Forest.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

**UT to Trace Fork 0.05 to 0.7 (0.7 mi)**

**Knott County**

*Into Trace Fork*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**West Fork Mill Creek 0.0 to 1.0 (1 mi)**

**Carroll County**

*Into Mill Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unspecified Urban Stormwater

**West Hickman Creek 0.0 to 3.1 (3.1 mi)**

**Jessamine County**

*Into Hickman Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**West Hickman Creek 3.1 to 8.4 (5.3 mi)**

**Fayette County**

*Into Hickman Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Residential Districts; Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Residential Districts; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Residential Districts

KDOW awarded \$373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

Kentucky Basin Unit  
Kentucky River Basin  
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**White Lick Creek 0.0 to 2.8 (2.8 mi)**

**Garrard County**

*Into Paint Lick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Non-irrigated Crop Production; Specialty Crop Production

**White Oak Creek 0.0 to 2.8 (2.8 mi)**

**Garrard County**

*Into Dix River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Total Dissolved Solids

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Wolf Run 0.0 to 4.4 (4.4 mi)**

**Fayette County**

*Into Town Branch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Wooten Creek 0.0 to 3.0 (3 mi)**

**Leslie County**

*Into Cutshin Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky Basin Unit  
Kentucky River Basin  
Springs

**A.2 Kentucky River Basin Springs**

**Royal Spring 0.0 to 0.7 (0.7 mi)**

**Scott County**

*Into North Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified  
Urban Stormwater

Pollutant: Phosphorus (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified  
Urban Stormwater

KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, is working to implement the Plan in the upper half of the watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Kentucky Basin Unit  
Kentucky River Basin  
Freshwater Reservoirs

**A.3 Kentucky River Basin Freshwater Reservoirs**

**Boltz Lake (92 acres)**

**Grant County**

*Into Arnolds Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Unspecified Urban Stormwater

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Unspecified Urban Stormwater

**Bullock Pen Lake (134 acres)**

**Grant County**

*Into Bullock Pen Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Carr Fork Reservoir (710 acres)**

**Knott County**

*Into Carr Fork of North Fork Kentucky River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Cedar Creek Lake (784 acres)**

**Lincoln County**

*Into Cedar Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Elmer Davis Lake (149 acres)**

**Owen County**

*Into North Severn Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

Kentucky Basin Unit  
Kentucky River Basin  
Freshwater Reservoirs

**Herrington Lake (2940 acres)**

**Garrard County**

*Into Dix River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) \$185,773 to develop an HSPF model (FFY1997) and (2) \$121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999).

KDOW utilized \$342,800 Section 319(h) Grant funds (FFY2002) to develop Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. In FFY2010, KDOW awarded \$200,460 Section 319(h) Grant funds to the City of Danville to work with the Dix River Watershed Council to implement the Plan. KDOW awarded \$194,400 Section 319(h) Grant funds (FFY2011) to the Lincoln and Boyle County Conservation Districts for implementation of agricultural practices outlined in the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Dissolved oxygen was mistakenly identified as a pollutant on the 2010 303(d) list. This has been corrected to Organic Enrichment (Sewage) Biological Indicators.

**Lake Reba (78 acres)**

**Madison County**

*Into Muddy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Pollutant: Oxygen, Dissolved

Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Kentucky Basin Unit  
Kentucky River Basin  
Freshwater Reservoirs

**Wilgreen Lake (169 acres)**

**Madison County**

*Into Taylor Fork of Silver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production;  
On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production;  
On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems)

The 2010 303(d) list mistakenly had Secondary Contact Recreation as an impaired use for this segment.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative**

**B.1 Licking River Basin Rivers**

**Allison Creek 0.0 to 4.95 (4.95 mi)**

**Fleming County**

*Into Fleming Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Allison Creek has been a targeted watershed for coordination and funding.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

**Banklick Creek 0.0 to 3.45 (3.45 mi)**

**Kenton County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Banklick Creek 3.5 to 8.2 (4.7 mi)**

**Kenton County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Banklick Creek 8.2 to 19.2 (11 mi)**

**Kenton County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Beaver Creek 10.0 to 14.4 (4.4 mi)**

**Menifee County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

**Big Half Mountain Creek 0.0 to 4.0 (4 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers

**Blacks Creek 0.0 to 5.7 (5.7 mi)**

**Bourbon County**

*Into Hinkston Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect additional upstream sampling. This segment was formerly 0.0 to 3.4.

**Blackwater Creek 3.9 to 11.8 (7.9 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 3.8 to 11.7.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Boone Creek 0.0 to 5.2 (5.2 mi)**

**Bourbon County**

*Into Hinkston Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

**Boone Creek 5.2 to 9.1 (3.9 mi)**

**Bourbon County**

*Into Hinkston Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Broadtree Fork 0.0 to 1.6 (1.6 mi)**

**Magoffin County**

*Into Left Fork of Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Broke Leg Creek 0.0 to 1.0 (1 mi)**

**Morgan County**

*Into Blackwater Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Broke Leg Creek 1.0 to 4.4 (3.4 mi)**

**Morgan County**

*Into Blackwater Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source

**Buffalo Creek 0.0 to 2.85 (2.85 mi)**

**Magoffin County**

*Into Lick Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

**Burning Fork 0.0 to 3.3 (3.3 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

**Burning Fork 3.3 to 5.2 (1.9 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 3.3 to 7.9.

The sediment listing on the 2010 303(d) report has been more correctly identified as cause unknown.

**Caney Creek 0.0 to 4.2 (4.2 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Caskey Fork 0.0 to 2.3 (2.3 mi)**

**Morgan County**

*Into Grassy Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Christy Creek 0.0 to 4.3 (4.3 mi)**

**Rowan County**

*Into Triplett Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

**Clarks Run 0.0 to 2.1 (2.1 mi)**

**Mason County**

*Into North Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Coffee Creek 0.0 to 4.1 (4.1 mi)**

**Morgan County**

*Into Williams Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/Destabilization

**Cooper Run 0.0 to 10.15 (10.15 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.1.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Craintown Branch 0.0 to 3.6 (3.6 mi)**

**Fleming County**

*Into Fleming Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Crane Creek 0.0 to 2.9 (2.9 mi)**

**Fleming County**

*Into Fox Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization

**Crooked Creek 0.0 to 9.1 (9.1 mi)**

**Nicholas County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Cruises Creek 0.0 to 8.7 (8.7 mi)**

**Kenton County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Doty Branch 0.0 to 2.3 (2.3 mi)**

**Fleming County**

*Into Fleming Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Dry Creek 0.0 to 2.5 (2.5 mi)**

**Rowan County**

*Into Triplett Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

**Elk Fork 0.0 to 4.9 (4.9 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Silviculture Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Elk Fork 4.9 to 10.5 (5.6 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
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**Elk Fork 12.6 to 14.7 (2.1 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fannins Branch 1.5 to 3.4 (1.9 mi)**

**Morgan County**

*Into Elk Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Flat Creek 0.0 to 0.9 (0.9 mi)**

**Bath County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Flat Run 0.0 to 2.2 (2.2 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

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**Flat Run 2.2 to 9.05 (6.85 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Fleming Creek 12.8 to 16.0 (3.2 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fleming Creek 20.8 to 39.4 (18.6 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of

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Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fleming Creek 0.0 to 12.8 (12.8 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fox Creek 0.0 to 10.1 (10.1 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Natural Sources

**Fox Creek 10.1 to 16.0 (5.9 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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**Fox Creek 20.1 to 22.7 (2.6 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Harvesting

**Grassy Creek 4.6 to 10.0 (5.4 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Green Creek 0.0 to 8.15 (8.15 mi)**

**Bourbon County**

*Into Strodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Green Creek 8.45 to 9.7 (1.25 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

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**Hancock Creek 4.3 to 7.6 (3.3 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Hinkston Creek 0.0 to 12.6 (12.6 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Hinkston Creek 20.8 to 31.0 (10.2 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

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**Hinkston Creek 41.8 to 49.1 (7.3 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

**Hinkston Creek 51.5 to 65.9 (14.4 mi)**

**Montgomery County**

*Into South Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Hoods Creek 0.0 to 6.3 (6.3 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

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**Horsepen Fork 0.0 to 1.2 (1.2 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Houston Creek 0.0 to 9.0 (9 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Houston Creek 9.0 to 12.7 (3.7 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Golf Courses

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Howard Branch 0.0 to 2.0 (2 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Johnson Creek 0.0 to 0.9 (0.9 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Johnson Creek 0.0 to 3.1 (3.1 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining

**Johnson Creek 6.0 to 8.6 (2.6 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas)

**Kennedy Creek 0.0 to 5.7 (5.7 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to reflect additional up-stream sampling. This segment was formerly 0.0 to 3.8.

**Lees Creek 0.0 to 4.3 (4.3 mi)**

**Mason County**

*Into North Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Left Fork of Johnson Creek 0.0 to 3.15 (3.15 mi)**

**Magoffin County**

*Into Johnson Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

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**Left Fork White Oak Creek 0.0 to 1.8 (1.8 mi)**

**Morgan County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Lick Branch 0.0 to 2.3 (2.3 mi)**

**Magoffin County**

*Into Right Fork of Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Lick Creek 0.0 to 2.15 (2.15 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather

**Lick Creek 2.15 to 4.6 (2.45 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Licking River 0.0 to 4.65 (4.65 mi)**

**Campbell County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.8.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

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**Licking River 4.8 to 14.9 (10.1 mi)**

**Campbell County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Licking River 76.65 to 88.8 (12.15 mi)**

**Harrison County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Lead

Suspected Sources: Source Unknown

**Licking River 174.3 to 180.6 (6.3 mi)**

**Rowan County**

*Into Ohio River*

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 174.4 to 180.8.

**Licking River 224.1 to 241.1 (17 mi)**

**Morgan County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 224.3 to 241.3.

**Licking River 249.55 to 264.85 (15.3 mi)**

**Magoffin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Source Unknown

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**Licking River 264.85 to 271.45 (6.6 mi)**

**Magoffin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;  
Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers; Wet  
Weather Discharges (Non-Point Source)

Pollutant: Turbidity

Suspected Sources: Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 265.0 to 271.6.

**Licking River 271.45 to 293.95 (22.55 mi)**

**Magoffin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 271.6 to 294.1.

**Licking River 293.95 to 302.2 (8.25 mi)**

**Magoffin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 294.1 to 302.4.

**Little Beaver Creek 0.0 to 3.3 (3.3 mi)**

**Harrison County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline  
Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline  
Zones; Highway/Road/Bridge Runoff (Non-construction Related)

**Little Blackwater Creek 0.0 to 7.15 (7.15 mi)**

**Morgan County**

*Into Blackwater Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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**Little Caney Creek 0.0 to 1.95 (1.95 mi)**

**Morgan County**

*Into Caney Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Little Stoner Creek 0.0 to 5.0 (5 mi)**

**Clark County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Locust Creek 0.0 to 11.8 (11.8 mi)**

**Fleming County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Logan Run 0.0 to 2.3 (2.3 mi)**

**Fleming County**

*Into Fleming Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Long Branch 0.0 to 3.9 (3.9 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Coal Mining; Mountaintop Mining; Non-Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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**Mash Fork 0.0 to 3.0 (3 mi)**

**Magoffin County**

*Into Horsepen Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Middle Fork of Licking River 0 to 2.5 (2.5 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Mill Creek 0.0 to 21.6 (21.6 mi)**

**Harrison County**

*Into South Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

**North Fork Licking River 2.3 to 18.55 (16.25 mi)**

**Bracken County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**North Fork Licking River 18.55 to 45.5 (26.95 mi)**

**Bracken County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 18.5 to 52.5.

**North Fork Licking River 8.5 to 12.3 (3.8 mi)**

**Morgan County**

*Into Licking River (Cave Run Lake)*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 8.4 to 12.0.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**North Fork Licking River 12.3 to 13.4 (1.1 mi)**

**Morgan County**

*Into Licking River (Cave Run Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 12.0 to 13.1.

**Oldfield Fork 0.0 to 3.6 (3.6 mi)**

**Morgan County**

*Into Grassy Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Plum Lick Creek 0.0 to 5.9 (5.9 mi)**

**Bourbon County**

*Into Boone Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Phillips Creek 0.0 to 5.3 (5.3 mi)**

**Campbell County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Pretty Run 0.0 to 8.0 (8 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Prickly Ash Creek 0.0 to 3.1 (3.1 mi)**

**Bath County**

*Into Slate Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

KDOW awarded \$66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to implement on-site wastewater treatment alternatives in the Slate Creek Watershed.

**Puncheon Camp Creek 0.0 to 1.15 (1.15 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.1.

**Right Fork of Middle Fork of Licking River 3.1 to 4.6 (1.5 mi)**

**Magoffin County**

*Into Middle Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

**Rock Fork 0.0 to 4.0 (4 mi)**

**Rowan County**

*Into North Fork Triplett Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels)

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

**Salt Lick Creek 3.0 to 8.0 (5 mi)**

**Bath County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Rangeland Grazing

**Scott Creek 2.1 to 3.9 (1.8 mi)**

**Rowan County**

*Into Licking River (Cave Run Reservoir)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Scrubgrass Creek 0.0 to 1.6 (1.6 mi)**

**Nicholas County**

*Into Cassidy Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Slate Creek 0.0 to 13.55 (13.55 mi)**

**Bath County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to educate and implement on-site wastewater treatment alternatives in the Slate Creek Watershed. As part of the FFY1998 Section 319(h) Grant, KDOW awarded an additional \$235,000 for design and installation of a decentralized wastewater treatment facility for the community of Preston; located in the headwaters of the Slate Creek watershed. KDOW also awarded \$608,310 Section 319(h) Grant funds (FFY2003) to Tetra Tech, Inc. for straight pipe remediation and decentralized wastewater solutions for the community of Olympia in the Slate Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 13.6.

**South Fork Licking River 11.6 to 16.95 (5.35 mi)**

**Pendleton County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**Spruce Creek 0.0 to 1.7 (1.7 mi)**

**Montgomery County**

*Into Slate Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

**Spruce Pine Fork 0.0 to 1.4 (1.4 mi)**

**Magoffin County**

*Into Left Fork of Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Rural (Residential Areas)

This segment was misidentified on the 2010 303(d) list. It was incorrectly called Left Fork of Licking River 0.0 to 1.4.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**State Road Fork 0.0 to 5.8 (5.8 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Stinson Creek 0.0 to 3.3 (3.3 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

**Stoner Creek 0.0 to 5.55 (5.55 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.5.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Stoner Creek 5.55 to 15.0 (9.445 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.5 to 15.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Stoner Creek 17.3 to 30.1 (12.8 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Animal Feeding Operations; Livestock (Grazing or Feeding Operations);  
Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle  
Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for  
Public Notice During 2012.

**Stoner Creek 35.7 to 45.1 (9.4 mi)**

**Bourbon County**

*Into South Fork Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source  
Discharges; Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for  
Public Notice During 2012.

**Stony Creek 0.0 to 3.0 (3 mi)**

**Nicholas County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Straight Creek 0.0 to 1.8 (1.8 mi)**

**Morgan County**

*Into Elk Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat;  
Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank  
Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat;  
Sand/Gravel/Rock Mining or Quarries; Streambank  
Modifications/Destabilization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Strodes Creek 2.7 to 7.9 (5.2 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Strodes Creek 7.9 to 19.3 (11.4 mi)**

**Bourbon County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Municipal Point Source Discharges; Non-Point Source

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Strodes Creek 19.3 to 26.4 (7.1 mi)**

**Clark County**

*Into Stoner Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Threemile Creek 0.1 to 4.7 (4.6 mi)**

**Campbell County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Trace Fork 0.0 to 3.1 (3.1 mi)**

**Magoffin County**

*Into Licking River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

**Triplett Creek 5.8 to 12.3 (6.5 mi)**

**Rowan County**

*Into Licking River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point Source Discharges

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed, a direct tributary to this impaired segment of Triplett Creek. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.9 to 12.3.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**UT of Blacks Creek 0.0 to 1.7 (1.7 mi)**

**Bourbon County**

*Into Blacks Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sediment/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT of Blacks Creek 0.0 to 2.3 (2.3 mi)**

**Bourbon County**

*Into Blacks Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sediment/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT of Blanket Creek 0.0 to 0.2 (0.2 mi)**

**Pendleton County**

*Into Blanket Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**UT of Cooper Run 0.0 to 1.0 (1.0 mi)**

**Bourbon County**

*Into Cooper Run*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**UT of Cooper Run 0.0 to 3.05 (3.05 mi)**

**Bourbon County**

*Into Cooper Run*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT of Cooper Run 0.0 to 3.8 (3.8 mi)**

**Bourbon County**

*Into Cooper Run*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT of Flat Run 0.0 to 2.1 (2.1 mi)**

**Bourbon County**

*Into Flat Run*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT of Pond Creek 0.0 to 1.15 (1.15 mi)**

**Campbell County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**UT of Strodes Creek 0.0 to 3.7 (3.7 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers; Freshets or Major Flooding

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.8.

**UT to Hancock Creek 0.0 to 3.72 (3.72 mi)**

**Clark County**

*Into Hancock creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT to Mill Creek 0.0 to 4.0 (4 mi)**

**Fleming County**

*Into Mill Creek and North Fork Licking River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

**UT to Lees Creek 0.0 to 1.6 (1.6 mi)**

**Mason County**

*Into Lees Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

**Wheel Rim Fork 0.0 to 2.9 (2.9 mi)**

**Morgan County**

*Into Johnson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Williams Creek 0.0 to 5.3 (5.3 mi)**

**Morgan County**

*Into Elk Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources

Salt/Licking Basin Management Unit  
Licking River Basin  
Rivers

**Woodruff Creek 0.0 to 3.7 (3.7 mi)**

**Clark County**

*Into Strodes Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Salt/Licking Basin Management Unit  
Licking River Basin  
Freshwater Reservoirs

**B.2 Licking River Basin Freshwater Reservoirs**

**Cave Run Lake (8270 acres)**

**Rowan County**

*Licking River - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

**Doe Run Lake (49 acres)**

**Kenton County**

*Into Bullock Pen Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown; Upstream Source

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown; Upstream Source

The acres for this lake have been adjusted. The acres were formerly 51.0.

**Kincaid Lake (162 acres)**

**Pendleton County**

*Kincaid Creek - Impoundment*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

The acres for this lake have been adjusted. The acres were formerly 183.0.

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**B.3 Ohio River Basin Rivers**

**Allen Fork 2.0 to 4.6 (2.6 mi)**

**Boone County**

*into Woolper Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Unspecified Urban Stormwater

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Big South Fork 2.3 to 4.3 (2 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

**Big Sugar Creek 0.7 to 2.0 (1.3 mi)**

**Gallatin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)

**Bracken Creek 2.8 to 11.0 (8.2 mi)**

**Bracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

**Briery Branch 0.2 to 2.2 (2 mi)**

**Lewis County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Brush Creek 0.0 to 2.35 (2.35 mi)**

**Campbell County**

*Into Twelvemile Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Cabin Creek 3.6 to 11.3 (7.7 mi)**

**Mason County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

**Clary Branch 0.0 to 1.9 (1.9 mi)**

**Lewis County**

*Into Salt Lick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland

**Dry Creek 0.2 to 7.0 (6.8 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

**Dry Creek 1.1 to 3.0 (1.9 mi)**

**Gallatin County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations)

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Fourmile Creek 0.2 to 8.5 (8.3 mi)**

**Campbell County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)

**Goose Creek 0.0 to 1.9 (1.9 mi)**

**Bracken County**

*Into Locust Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Natural Sources; Surface Mining

**Gunpowder Creek 0.0 to 15.0 (15 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

**Gunpowder Creek 15.4 to 17.1 (1.7 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Unspecified Urban Stormwater

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Gunpowder Creek 18.9 to 21.6 (2.7 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Unspecified Urban Stormwater

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Laurel Fork 5.8 to 15.9 (10.1 mi)**

**Lewis County**

*Into Kinniconick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Silviculture Activities

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities

Pollutant: Turbidity

Suspected Sources: Dredging (e.g., for Navigation Channels); Silviculture Activities

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

**Lick Run Creek 0.0 to 3.5 (3.5 mi)**

**Breckinridge County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

**Little Kentucky River 21.3 to 27.7 (6.4 mi)**

**Henry County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 21.5 to 27.65.

**Locust Creek 0.0 to 4.1 (4.1 mi)**

**Bracken County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Locust Creek 4.1 to 12.2 (8.1 mi)**

**Bracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**McCoys Fork 0.0 to 2.2 (2.2 mi)**

**Boone County**

*Into Mudlick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Middle Creek 0.4 to 5.6 (5.2 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment), Silviculture Activities

**Montgomery Creek 0.0 to 6.5 (6.5 mi)**

**Lewis County**

*Into Kinniconick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Site Clearance (Land Development or Redevelopment)

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

**Salt Lick Creek 0.2 to 7.2 (7 mi)**

**Lewis County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/Parkland

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Snag Creek 0.5 to 5.5 (5 mi)**

**Bracken County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork Gunpowder Creek 0.0 to 2.0 (2 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

Pollutant: Turbidity

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork Gunpowder Creek 4.1 to 6.8 (2.7 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Tenmile Creek 0.05 to 1.15 (1.1 mi)**

**Campbell County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Trace Creek 0.2 to 4.6 (4.4 mi)**

**Lewis County**

*Into Kinniconick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Silviculture Activities

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Sewage Discharges in Unsewered Areas; Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

**UT of McKinney Branch 0.0 to 1.2 (1.2 mi)**

**Lewis County**

*Into McKinney Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Woolper Creek 2.8 to 7.45 (4.65 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.8 to 7.2.

Salt/Licking Basin Management Unit  
Ohio River Basin  
Rivers

**Woolper Creek 11.9 to 14.0 (2.1 mi)**

**Boone County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/Modification; Urban Runoff/Storm Sewers

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Ohio River Basin  
Freshwater Reservoirs

**B.4 Ohio River Basin Freshwater Reservoirs**

**Alexandria Park Lake (6.1 acres)**

**Campbell County**

*Into Fourmile Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Lake Jericho (137 acres)**

**Henry County**

*Little Kentucky River - Impoundment*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**B.5 Salt River Basin Rivers**

**Ashers Run From 0.0 to 4.8 (4.8 mi)**

**Oldham County**

*Into Currys Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Beargrass Creek 0.5 to 1.8 (1.3 mi)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Beech Creek 4.6 to 19.6 (15 mi)**

**Shelby County**

*Into Taylorsville Lake (Salt River)*

Impaired Use: Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Beech Fork 39.5 to 50.4 (10.9 mi)**

**Nelson County**

*Into Rolling Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Big South Fork 0.0 to 12.65 (12.65 mi)**

**Marion County**

*Into Rolling Fork*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.4.

**Blue Spring Ditch 0.0 to 2.1 (2.1 mi)**

**Jefferson County**

*Into Northern Ditch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Brashears Creek 0.0 to 13.0 (13 mi)**

**Spencer County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Brooks Run 0.0 to 2.7 (2.5 mi) Bullitt County**

*Into Floyds Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.5.

**Brooks Run 2.7 to 4.4 (1.7 mi)**

**Bullitt County**

*Into Floyds Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.5 to 4.1.

**Brooks Run 4.4 to 6.4 (2 mi)**

**Bullitt County**

*Into Floyds Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.1 to 6.1.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Bullitt Lick Creek 0.0 to 2.3 (2.3 mi)**

**Bullitt County**

*Into Salt River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Site Clearance (Land Development or Redevelopment)

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Site Clearance (Land Development or Redevelopment)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

**Bullskin Creek 14.4 to 22.4 (8 mi)**

**Shelby County**

*Into Brashears Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Cane Run 0.0 to 7.3 (7.3 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Caney Fork 0.0 to 4.0 (4 mi)**

**Nelson County**

*Into Cox Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban  
Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban  
Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Cartwright Creek 0.0 to 6.6 (6.6 mi)**

**Washington County**

*Into Beech Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

**Cartwright Creek 12.7 to 15.3 (2.6 mi)**

**Washington County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Cedar Creek 4.3 to 11.1 (6.8 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Cedar Creek 12.0 to 16.1 (4.1 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

**Chaplin River 0.0 to 23.1 (23.1 mi)**

**Nelson County**

*Into Beech Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Chaplin River 63.0 to 69.7 (6.7 mi)**

**Mercer County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Cheese Lick 0.7 to 4.4 (3.7 mi)**

**Anderson County**

*Into Sulphur Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;  
Streambank Modifications/Destabilization

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

**Chenoweth Run 0.0 to 5.25 (5.25 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.2.

**Chenoweth Run 5.25 to 9.2 (3.95 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.2 to 9.2.

**Clear Creek 0 to 4.4 (4.4 mi)**

**Hardin County**

*Into Rolling Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Clear Creek 0.0 to 11.0 (11 mi)**

**Shelby County**

*Into Bullskin Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Cox Creek 0.0 to 4.7 (4.7 mi)**

**Bullitt County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Cox Creek 4.7 to 11.4 (6.7 mi)**

**Nelson County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Cox Creek 11.4 to 18.6 (7.2 mi)**

**Nelson County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.2 to 15.5.

**Cox Creek 18.6 to 23.9 (5.3 mi)**

**Nelson County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Crooked Creek 5.6 to 12.8 (7.2 mi)**

**Bullitt County**

*Into Rolling Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Currys Fork 0.0 to 4.8 (4.8 mi)**

**Oldham County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Doe Run 4.1 to 7.9 (3.8 mi)**

**Meade County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**East Fork Beech Fork 0.0 to 1.9 (1.9 mi)**

**Washington County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**East Fork Cox Creek 0.0 to 4.3 (4.3 mi)**

**Bullitt County**

*Into Cox Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Fern Creek 0.0 to 1.3 (1.3 mi)**

**Jefferson County**

*Into Northern Ditch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Fern Creek 1.3 to 4.4 (3.1 mi)**

**Jefferson County**

*Into Northern Ditch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fern Creek 4.4 to 5.9 (1.5 mi)**

**Jefferson County**

*Into Northern Ditch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Floyds Fork 0.0 to 11.7 (11.7 mi)**

**Bullitt County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Floyds Fork 11.7 to 24.2 (12.5 mi)**

**Jefferson County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.6 to 24.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Floyds Fork 24.2 to 34.1 (9.9 mi)**

**Jefferson County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Site Clearance (Land Development or Redevelopment)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Floyds Fork 34.1 to 61.9 (27.8 mi)**

**Oldham; Shelby County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Pollutant: Sedimentation/Siltation

Suspected Sources: Municipal (Urbanized High Density Area); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Froman Creek 0.0 to 1.25 (1.25 mi)**

**Nelson County**

*Into Cox Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Goose Creek 0.3 to 3.6 (3.3 mi)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Goose Creek 3.6 to 13.0 (9.4 mi)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges;  
Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Guist Creek 15.7 to 28.0 (12.3 mi)**

**Shelby County**

*Into Brashears Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g.,  
PI-566 NRCS Structures), Unspecified Urban Stormwater, Livestock  
(Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g.,  
PI-566 NRCS Structures), Unspecified Urban Stormwater, Livestock  
(Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding  
Operations), Unspecified Urban Stormwater, Upstream Impoundments (e.g.,  
PI-566 NRCS Structures)

**Hardins Creek 0.0 to 11.4 (11.4 mi)**

**Breckinridge County**

*Into Sinking Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

This segment is a combination of two former segments, 0.0 to 5.0 and 5.2 to 11.1. Also, the river miles have been adjusted to reflect the National Hydrography Data Set.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Hardins Creek 13.3 to 22.9 (9.6 mi)**

**Marion County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Phosphorus (Total)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

**Hardy Creek 0.0 to 1.4 (1.4 mi)**

**Trimble County**

*Into Little Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

**Hardy Creek 1.6 to 5.6 (4 mi)**

**Trimble County**

*Into Little Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Harrods Creek 0.0 to 3.2 (3.2 mi)**

**Oldham County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area)

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Harrods Creek watershed.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Hayden Creek 0.0 to 1.3 (1.3 mi)**

**Mercer County**

*Into Chaplin River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Other

Suspected Sources: Source Unknown

**Hite Creek 0.0 to 5.5 (5.5 mi)**

**Jefferson County**

*Into South Fork Harrods Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Municipal Point Source Discharges

**Jeptha Creek 0.0 to 0.7 (0.7 mi)**

**Shelby County**

*Into Guist Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

**Jones Creek 0.0 to 3.9 (3.9 mi)**

**Marion County**

*Into North Rolling Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Little Goose Creek 0.0 to 9.2 (9.2 mi)**

**Jefferson County**

*Into Goose Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Long Lick Creek 0.0 to 10.5 (10.5 mi)**

**Bullitt County**

*Into Salt River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Long Run 0.0 to 9.9 (9.9 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Mellins Branch 0.0 to 1.5 (1.5 mi)**

**Carroll County**

*Into Little Kentucky River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)

**Middle Fork Beargrass Creek 0.0 to 2.0 (2 mi)**

**Jefferson County**

*Into Beargrass Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Mill Creek 0.0 to 11.2 (11.2 mi)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Urban Runoff/Storm Sewers

**Mill Creek Cutoff 0.0 to 6.7 (6.7 mi)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

**North Fork Currys Fork 0.0 to 6.0 (6.0 mi)**

**Oldham County**

*Into Currys Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Northern Ditch 0.0 to 7.3 (7.3 mi)**

**Jefferson County**

*Into Southern Ditch/Pond Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Otter Creek 0.0 to 2.9 (2.9 mi)**

**Larue County**

*Into Rolling Fork*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Otter Creek 0.0 to 10.7 (10.7 mi)**

**Meade County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

**Pennsylvania Run 0.0 to 3.3 (3.3 mi)**

**Jefferson County**

*Into Cedar Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Inappropriate Waste Disposal; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Upstream Impoundments (e.g., PI-566 NRCS Structures); Urban Runoff/Storm Sewers

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The fecal coliform listing on the 2010 303(d) report has been replaced with *Escherichia coli*.

**Pleasant Run 4.2 to 6.9 (2.7 mi)**

**Washington County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization;  
Unrestricted Cattle Access

**Plum Creek 0.0 to 17.8 (17.8 mi)**

**Spencer County**

*Into Salt River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

**Pond Creek 0.0 to 1.5 (1.5 mi)**

**Oldham County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Pond Creek/Southern Ditch 5.1 to 8.1 (3 mi)**

**Jefferson County**

*Into Pond Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Pope Lick Creek 0.0 to 2.1 (2.1 mi)**

**Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.0 to 5.2.

**Pope Lick Creek 2.1 to 5.5 (3.4 mi)**     **Jefferson County**

*Into Floyds Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Road Run 0.0 to 7.1 (7.1 mi)**

**Washington County**

*Into Cartwright Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Streambank Modifications/Destabilization; Urban Runoff/S

**Rocky Run 0.0 to 2.3 (2.3 mi)**

**Bullitt County**

*Into Cox Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

**Rolling Fork 0.0 to 37.75 (37.75 mi)**

**Bullitt County**

*Into Salt River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 40.7.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Salt River 11.7 to 25.9 (14.2 mi)**

**Bullitt County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$244,000 Section 319(h) Grant funds (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.9 to 26.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Salt River 111.9 to 135.25 (23.35 mi)**

**Mercer County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

**Short Creek 0.0 to 5.0 (5 mi)**

**Washington County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Sinking Creek 8.7 to 15.4 (6.7 mi)**

**Breckinridge County**

*Into Ohio River*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

**Sinking Creek 15.4 to 39.75 (24.35 mi)**

**Breckinridge County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 15.4 to 39.7.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**South Fork Beargrass Creek 0.0 to 2.7 (2.7 mi)**

**Jefferson County**

*Into Beargrass Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork Beargrass Creek 2.7 to 13.6 (10.9 mi)**

**Jefferson County**

*Into Beargrass Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork Currys Fork 0.0 to 6.1 (6.1 mi)**

**Oldham County**

*Into Currys Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**South Long Run 0.0 to 3.35 (3.35 mi)**

**Jefferson County**

*Into Long Run*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Southern Ditch 0.0 to 5.9 (5.9 mi)**

**Jefferson County**

*Into Pond Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Sulphur Creek 0.0 to 10.0 (10 mi)**

**Anderson County**

*Into Chaplin River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

**Thompson Creek 0.0 to 9.3 (9.3 mi)**

**Washington County**

*Into Chaplin River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.2.

**Tioqa Creek 0.0 to 2.5 (2.5 mi)**

**Hardin County**

*Into Abrahams Run*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts; Upstream Source

**UT of Mill Creek 0.0 to 1.7 (1.7 mi)**

**Washington County**

*Into Mill Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**UT of South Fork Currys Fork 0.0 to 1.8 (1.8 mi)**

**Oldham County**

*Into South Fork Currys Fork*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**UT of UT of North Prong Long Lick Creek 0.0 to 0.25 (0.3 mi)**

**Washington County**

*Into UT of North Prong Long Lick Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**UT to Brooks Run 0.0 to 2.0 (2 mi)**

**Bullitt County**

*Into Brooks Run*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**UT to Buffalo Run 0.0 to 1.1 (1.1 mi)**

**Bullitt County**

*Into Buffalo Run*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

**UT to Hammond Creek 0.0 to 1.8 (1.8 mi)**

**Anderson County**

*Into Hammond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

**UT to Pond Creek 0.0 to 0.5 (0.5 mi)**

**Oldham County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Salt River 0.0 to 2.4 (2.4 mi)**

**Mercer County**

*Into Salt River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**UT to Southern Ditch 0.0 to 2.6 (2.6 mi)**

**Jefferson County**

*Into Southern Ditch*

*There is no GNIS code for S*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runo

**UT to UT to Guist Creek 0.0 to 2.4 (2.4 mi)**

**Shelby County**

*Into Guist Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

**West Fork Cox Creek 0.0 to 6.9 (6.9 mi)**

**Bullitt County**

*Into Cox Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Wetwoods Creek (Slop Ditch) 0.0 to 3.7 (3.7 mi)**

**Jefferson County**

*Into Northern Ditch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cadmium

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt/Licking Basin Management Unit  
Salt River Basin  
Rivers

**Wilson Creek 0.0 to 2.2 (2.2 mi)**

**Bullitt County**

*Into Rolling Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oxygen, Dissolved

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

KDOW awarded \$336,305 in Section 319(h) Grant funds (FFY2000) to the Bernheim Arboretum and Research Forest to conduct riparian and stream restoration and to provide technical training on natural channel design techniques and methodologies.

**Withrow Creek 0.0 to 3.9 (3.9 mi)**

**Nelson County**

*Into Beech Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Other Spill Related Impacts

Pollutant: Oxygen, Dissolved

Suspected Sources: Other Spill Related Impacts

**Younger Creek 0.0 to 4.5 (4.5 mi)**

**Hardin County**

*Into Rolling Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Silviculture Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Livestock (Grazing or Feeding Operations); Loss of

Salt/Licking Basin Management Unit  
Salt River Basin  
Freshwater Reservoirs

**B.6 Salt River Basin Freshwater Reservoirs**

**Beaver Creek Lake (148 acres)**

**Anderson County**

*Into Chaplin River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Littoral/Shore Area Modifications (Non-riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non-riverine); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Guist Creek Lake (317 acres)**

**Shelby County**

*Guist Creek - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

**McNeely Lake (53 acres)**

**Jefferson County**

*Pennsylvania Run - Impoundment*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 51.0.

**Shelby Lake (64 acres)**

**Marion County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Internal Nutrient Recycling

The acres for this lake have been adjusted. The acres were formerly 17.0.

Salt/Licking Basin Management Unit  
Salt River Basin  
Freshwater Reservoirs

**Taylorsville Reservoir (3050 acres)**

**Spencer County**

*Into Salt River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point  
Source Discharges; Upstream Source

Salt/Licking Basin Management Unit  
Salt River Basin  
Ponds

**B.7 Salt River Basin Ponds**

**Chickasaw Park Pond (1.5 acres)**

**Jefferson County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown  
Riparian Habitat; Silviculture Activities

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative**

**C.1 Lower Cumberland River Basin Rivers**

**Casey Creek 0.0 to 3.6 (3.6 miles)**

**Trigg County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sources Outside State Jurisdiction or Borders

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**Claylick Creek 4.8 to 10.7 (5.9 miles)**

**Crittenden County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

**Claylick Creek 10.7 to 13.9 (3.2 miles)**

**Crittenden County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

**Crab Creek 0.0 to 4.8 (4.8 miles)**

**Lyon County**

*Into Livingston Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Cypress Creek 0.1 to 6.1 (6 miles)**

**Livingston County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

**Donaldson Creek 7.2 to 9.3 (2.1 miles)**

**Trigg County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Dredge Mining

**Dry Creek 0.0 to 3.65 (3.65 miles)**

**Caldwell County**

*Into Eddy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Off-road Vehicles

**Dry Fork 0.0 to 7.3 (7.3 miles)**

**Logan County**

*Into Whipporwill Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

Pollutant: Oxygen, Dissolved

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

**Dry Fork Creek 5.8 to 6.6 (0.8 miles)**

**Christian County**

*Into Noah Springs Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Eddy Creek 10.25 to 13.15 (2.9 miles)**

**Caldwell County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Eddy Creek 13.15 to 15.9 (2.75 miles)**

**Lyon County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrates

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Rural (Residential Areas)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.0 to 15.7.

The Nitrate/Nitrite (Nitrite + Nitrate as N) listing on the 2010 303(d) report has been more correctly identified as Nitrates.

**Elk Fork 22.3 to 31.1 (8.8 miles)**

**Todd County**

*Into Red River of Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

**Elk Fork 31.1 to 33.1 (1.6 miles)**

**Todd County**

*Into Red River of Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Ferguson Creek 1.2 to 2.3 (1.1 miles)**

**Livingston County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Kenady Creek 0.0 to 4.0 (4 miles)**

**Trigg County**

*Into Muddy Fork of Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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**Little River 14.8 to 20.7 (5.9 miles)**

**Trigg County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Dam or Impoundment

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

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See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.7 to 20.6.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Little River 20.7 to 30.1 (9.4 miles)**

**Trigg County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)  
Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Phosphorus (Total)  
Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Municipal Point Source Discharges

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.6 to 30.0.

**Little River 30.1 to 31.4 (1.3 miles)**

**Trigg County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 30.0 to 31.4.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Little River 31.4 to 45.5 (14.1 miles)**

**Trigg County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Little River 45.5 to 57.7 (12.2 miles)**

**Christian County**

*Into Cumberland River (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Livingston Creek 4.65 to 7.1 (2.45 miles)**

**Lyon County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.6 to 7.0.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Livingston Creek 11.6 to 15.5 (3.9 miles)**

**Lyon County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

**Long Pond Branch 2.7 to 3.2 (0.5 miles)**

**Trigg County**

*Into Muddy Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**Lower Branch 3.4 to 9.3 (5.9 miles)**

**Christian County**

*Into North Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Middle Branch of North Fork of Little River 1.3 to 3.9 (2.6**

**Christian County**

*Into North Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**Montgomery Creek 0.00 to 11.10 (11.1 miles)**

**Christian County**

*Into Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Muddy Fork Little River 12.75 to 24.85 (12.1 miles)**

**Trigg County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.5 to 26.6.

**Muddy Fork Little River 24.85 to 28.3 (3.45 miles)**

**Trigg County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.5 to 26.6.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**North Fork Little River 0.0 to 0.3 (0.3 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**North Fork of Little River 0.3 to 7.0 (6.7 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**North Fork of Little River 7.0 to 10.9 (3.9 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**North Fork of Little River 10.9 to 16.2 (5.3 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Pleasant Grove Creek 0.0 to 2.2 (2.2 miles)**

**Logan County**

*Into Red River of Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

KDOW awarded \$125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Red River 50.95 to 54.5 (3.55 miles)**

**Logan County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Pollutant: Escherichia coli

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.8 to 54.5.

**Red River 54.5 to 56.9 (2.4 miles)**

**Logan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Rural (Residential Areas)

KDOW awarded \$125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Red River 57.0 to 65.8 (8.8 miles)**

**Logan County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

**Red River 65.8 to 74.3 (8.5 miles)**

**Logan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/Destabilization

**Red River 74.3 to 81.3 (7 miles)**

**Simpson County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Sinking Fork 13.6 to 16.8 (3.2 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**Sinking Fork 31.0 to 32.7 (1.7 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Sinking Fork Little River 2.2 to 5.55 (3.35 miles)**

**Trigg County**

*Into Little River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Skinframe Creek 0.0 to 4.8 (4.8 miles)**

**Lyon County**

*Into Livingston Creek*

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

**Skinner Creek 0.0 to 5.8 (5.8 miles)**

**Trigg County**

*Into Casey Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Smith Branch 0.00 to 1.05 (1.05 miles)**

**Logan County**

*Into South Fork Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown  
Suspected Sources: Agriculture; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**South Fork of Little River 0.0 to 10.3 (10.3 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Other

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork of Little River 10.3 to 20.3 (10 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Other

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork of Little River 21.3 to 26.1 (4.8 miles)**

**Christian County**

*Into Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**Spring Creek 3.0 to 3.5 (0.5 miles)**

**Lyon County**

*Into Livingston Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

**Sugar Creek 1.0 to 1.4 (0.4 miles)**

**Christian County**

*Into Muddy Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**Sugar Creek 2.2 to 6.9 (4.7 miles)**

**Livingston County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

**Upper Branch 0.0 to 2.8 (2.8 miles)**

**Christian County**

*Into North Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**UT of Cumberland River 0.10 to 2.20 (2.1 miles)**

**Livingston County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

**UT of Elk Fork Creek 0.0 to 4.8 (4.8 miles)**

**Todd County**

*Into Elk Fork Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**UT of West Fork Red River 0.00 to 6.0 (6 miles)**

**Todd County**

*Into West Fork Red River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

**UT to Dry Creek 0.0 to 2.1 (2.1 miles)**

**Trigg County**

*Into Dry Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**UT to Little Whippoorwill Creek 0.1 to 0.6 (0.5 miles)**

**Logan County**

*Into Little Whippoorwill Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

**Wallace Fork 0.00 to 3.0 (3 miles)**

**Christian County**

*Into Muddy Fork of Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

**Warrens Fork 0.0 to 3.5 (3.5 miles)**

**Christian County**

*Into South Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Rivers

**West Fork Red River 14.75 to 26.8 (12.05 miles)**

**Christian County**

*Into Red River of Cumberland River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**White Creek 0.0 to 2.2 (2.2 miles)**

**Christian County**

*Into North Fork Little River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Lower Cumberland River Basin  
Freshwater Reservoirs

**C.2 Lower Cumberland River Basin Freshwater Reservoirs**

**Hematite Lake (85 acres)**

**Trigg County**

*Into Long Creek (Lake Barkley)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 90.0.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**C.3 Mississippi River Basin Rivers**

**Bayou de Chien 0.0 to 4.2 (4.2 miles)**

**Fulton County**

*Into Obion Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

**Bayou de Chien 8.8 to 14.3 (5.5 miles) Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper

Suspected Sources: Municipal Point Source Discharges

Pollutant: Iron

Suspected Sources: Municipal Point Source Discharges

Pollutant: Lead

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

**Brush Creek 0.0 to 6.3 (6.3 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Brush Creek 0.0 to 8.4 (8.4 miles)**

**Graves County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Dredging (e.g., for Navigation Channels)

**Caddle Creek 0.00 to 2.00 (2 miles)**

**Carlisle County**

*Into Hurricane Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Caldwell Creek 0.0 to 3.0 (3 miles)**

**Graves County**

*Into Terrapin Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

**Cane Creek 0.0 to 4.4 (4.4 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production

**Cane Creek 0.0 to 5.3 (5.3 miles)**

**Hickman County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed.

**Cane Creek 0.3 to 4.1 (3.8 miles)**

**Ballard County**

*Into Shawnee Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Gilbert Creek 1.7 to 3.5 (1.8 miles)**

**Graves County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

**Goose Creek 0.0 to 4.4 (4.4 miles)**

**Graves County**

*Into Wilson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Hazel Creek 0.0 to 3.7 (3.7 miles)**

**Ballard County**

*Into Axe Lake (Wetland Ponds)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

**Hurricane Creek 0.0 to 3.7 (3.7 miles)**

**Carlisle County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);  
Loss of Riparian Habitat; Non-irrigated Crop Production

**Key Creek 0.0 to 1.9 (1.9 miles)**

**Graves County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Knob Creek 1.3 to 3.0 (1.7 miles)**

**Graves County**

*Into Blackmore Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Lick Creek 0.0 to 2.2 (2.2 miles)**

**Carlisle County**

*Into Heflin Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Oil and Grease

Suspected Sources: Source Unknown

**Little Bayou de Chien 0.0 to 1.3 (1.3 miles)**

**Hickman County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Little Bayou de Chein 10.0 to 12.3 (2.3 miles)**

**Fulton County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Little Creek 0.0 to 5.3 (5.3 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

**Little Cypress Creek 0.0 to 2.0 (2 miles)**

**Graves County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

**Little Cypress Creek 0.0 to 3.6 (3.6 miles)**

**Hickman County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Non-irrigated Crop Production

**Little Mayfield Creek 0.0 to 10.6 (10.6 miles)**

**Graves County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Little Mud Creek 0.0 to 1.95 (1.95 miles)**

**Fulton County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

**Mayfield Creek 2.2 to 5.5 (3.3 miles)**

**Carlisle County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Mayfield Creek 10.65 to 16.0 (5.35 miles)**

**Carlisle County**

*Into Mississippi River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.1 to 16.5.

**Mayfield Creek 16.5 to 36.1 (19.6 miles)**

**McCracken County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

**Mayfield Creek 35.7 to 37.7 (2.0 miles)**

**Graves County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

**Mayfield Creek 37.7 to 40.4 (2.7 miles)**

**Graves County**

*Into Mississippi River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture, Loss of Riparian Habitat

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 38.2 to 40.8.

The Unknown listing on the 2010 303(d) report has been more correctly identified as Nutrient/Eutrophication Biological Indicators and Sedimentation/Siltation.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Mayfield Creek 40.8 to 43.7 (2.9 miles)**

**Graves County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

**Mayfield Creek 51.65 to 59.5 (7.85 miles)**

**Graves County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Mayfield Creek 59.5 to 61.9 (2.4 miles)**

**Calloway County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 59.6 to 62.3.

**Mud Creek 0.0 to 7.8 (7.8 miles)**

**Fulton County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Obion Creek 1.35 to 16.25 (14.9 miles)**

**Hickman County**

*Into Mississippi River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Non-irrigated Crop Production

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.2.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Obion Creek 31.9 to 35.2 (3.3 miles)**

**Hickman County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Upstream/Downstream Source

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

**Obion Creek 39.65 to 43.1 (3.45 miles)**

**Hickman County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Source Unknown

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

In 2009, KDOW awarded \$131,172 of Section 319(h) Grant (FFY 2005) funds to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of natural stream flow conditions of Little Joe Creek, a tributary of Obion Creek. An additional \$506,375.80 has been provided by Fees-In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife, and \$102,000 by the Kentucky Transportation Cabinet through Transportation Easement Act funds to restore stream channel dimensions, flow patterns and profile to those of natural flow conditions of 9,000 feet of Obion Creek.

**Obion Creek 43.1 to 48.6 (5.5 miles)**

**Hickman County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

**Obion Creek 48.6 to 54.4 (5.8 miles)**

**Graves County**

*Into Mississippi River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Opossum Creek 0.0 to 2.3 (2.3 miles)**

**Graves County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 (3 miles)**

**Carlisle County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Running Slough 0.0 to 16.2 (16.2 miles)**

**Fulton County**

*Into Obion River (Reelfoot Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Turbidity

Suspected Sources: Crop Production (Crop Land or Dry Land)

**Shawnee Creek 0.0 to 3.2 (3.2 miles)**

**Ballard County**

*Into Shawnee Creek Slough*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Natural Sources

**Shawnee Creek 3.2 to 12.4 (9.2 miles)**

**Ballard County**

*Into Shawnee Creek Slough*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Shawnee Creek Slough 0.0 to 3.7 (3.7 miles)**

**Ballard County**

*Into Twin Lake*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron  
Suspected Sources: Source Unknown

Pollutant: Lead  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources

**South Fork of Bayou de Chien 0.0 to 2.0 (2 miles)**

**Graves County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat

**South Fork Bayou de Chien 2.0 to 7.4 (5.4 miles)**

**Graves County**

*Into Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Crop Production (Crop Land or Dry Land)

**Sugar Creek 0.0 to 1.3 (1.3 miles)**

**Ballard County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Loss of Riparian Habitat

**Terrapin Creek 2.8 to 6.9 (4.1 miles)**

**Graves County**

*Into North Fork Obion River (TN)*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.7 to 6.0.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**Truman Creek 3.2 to 4.1 (0.9 miles)**

**Carlisle County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Loss of Riparian Habitat

**UT of Obion Creek 0.9 to 7.7 (6.8 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

**UT of UT of Little Bayou de Chien 0.00 to 0.85 (0.85 miles)**

**Fulton County**

*Into UT to Little Bayou de Chien*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

**UT of West Fork Mayfield Creek 0.00 to 3.00 (3 miles)**

**Carlisle County**

*Into West Fork Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

**UT to Brush Creek 0.0 to 1.9 (1.9 miles)**

**Hickman County**

*Into Brush Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian  
Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian  
Habitat; Non-irrigated Crop Production

Pollutant: Total Kjehldahl Nitrogen (TKN)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian  
Habitat; Non-irrigated Crop Production

**UT to Mayfield Creek 0.0 to 1.0 (1 miles)**

**McCracken County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Management Unit  
Mississippi River Basin  
Rivers

**UT to Mayfield Creek 1.1 to 3.5 (2.4 miles)**

**Graves County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**UT to Mud Creek 0.0 to 2.2 (2.2 miles)**

**Fulton County**

*Into Mud Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Loss of Riparian Habitat; Non-irrigated Crop Production

**UT to Obion Creek 1.6 to 2.2 (0.6 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**UT to Vulton Creek 0.00 to 2.45 (2.45 miles)**

**Graves County**

*Into Vulton Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Loss of Riparian Habitat

**Whayne Branch 1.0 to 8.15 (7.15 miles)**

**Hickman County**

*Into Obion Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

**Wilson Creek 0.0 to 2.15 (2.15 miles)**

**Carlisle County**

*Into Mayfield Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.1.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Ohio River Basin  
Rivers

**C.4 Ohio River Basin Rivers**

**Bayou Creek 0.5 to 11.9 (11.4 miles)**

**McCracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Beta particles and photon emitters

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Copper

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Mercury

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Clanton Creek 0.0 to 4.9 (4.9 miles)**

**Ballard County**

*Into Humphrey Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Humphrey Creek 0.0 to 3.7 (3.7 miles)**

**Ballard County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Humphrey Creek 3.7 to 11.6 (7.9 miles)**

**Ballard County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Ohio River Basin  
Rivers

**Little Bayou Creek 0.0 to 7.2 (7.2 miles)**

**McCracken County**

*Into Bayou Creek*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Beta particles and photon emitters

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Cause Unknown

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Copper

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Massac Creek 4.1 to 4.7 (0.6 miles)**

**McCracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

**Middle Fork of Massac Creek 0.0 to 6.4 (6.4 miles)**

**McCracken County**

*Into Massac Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

**Newtons Creek 0.3 to 8.2 (7.9 miles)**

**McCracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

**UT of Middle Fork Massac Creek 0.00 to 2.90 (2.9 miles)**

**McCracken County**

*Into Middle Fork Massac Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit  
Ohio River Basin  
Rivers

**UT to Massac Creek 0.0 to 1.7 (1.7 miles)**

**McCracken County**

*Into Massac Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Ohio River Basin  
Freshwater Reservoirs

**C.5 Ohio River Basin Freshwater Reservoirs**

**Fish Lake (27 acres)**

**Ballard County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Metropolis Lake (36 acres)**

**McCracken County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin

Pollutant: Oxygen, Dissolved

Suspected Sources: Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**C.6 Tennessee River Basin Rivers**

**Angle Creek 0.0 to 0.8 (0.8 miles)**

**Marshall County**

*Into Barrett Branch*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Bear Creek 0.6 to 1.6 (1 miles)**

**Graves County**

*Into West Fork Clarks River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

**Bear Creek 4.0 to 7.2 (3.2 miles)**

**Marshall County**

*Into Tennessee River (Kentucky Lake)*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

**Bee Creek 0.0 to 0.7 (0.7 miles)**

**Calloway County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Blizzard Pond Drainage Canal 0.0 to 3.7 (3.7 miles)**

**McCracken County**

*Into West Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas); Sand/Gravel/Rock Mining or Quarries

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries

**Camp Creek 0.0 to 5.4 (5.4 miles)**

**McCracken County**

*Into West Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Other

Suspected Sources: Source Unknown

**Champion Creek 0.0 to 1.5 (1.5 miles)**

**McCracken County**

*Into Island Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Site Clearance (Land Development or Redevelopment)

**Chestnut Creek 0.0 to 3.0 (3 miles)**

**Marshall County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Other

Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

**Clarks River 4.9 to 13.1 (8.2 miles)**

**McCracken County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.0 to 13.2.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Clarks River 13.1 to 20.5 (7.4 miles)**

**McCracken County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.2 to 20.6.

**Clarks River 34.8 to 42.6 (7.8 miles)**

**Marshall County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);  
Non-irrigated Crop Production; Streambank Modifications/Destabilization

**Clarks River 51.8 to 55.1 (3.3 miles)**

**Calloway County**

*Into Tennessee River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.9 to 55.6.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

**Clarks River 55.6 to 64.7 (9.1 miles)**

**Calloway County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Clarks River 64.7 to 66.8 (2.1 miles)**

**Calloway County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Clayton Creek 0.75 to 3.3 (2.55 miles)**

**Calloway County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

**Clayton Creek 3.3 to 7.7 (4.4 miles)**

**Calloway County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Clear Creek 0.7 to 3.1 (2.4 miles)**

**Marshall County**

*Into Jonathan Creek (Kentucky Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

**Cypress Creek 0.1 to 6.2 (6.1 miles)**

**Marshall County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Industrial Point Source Discharge; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.1 to 6.3.

**Cypress Creek 6.3 to 7.7 (1.4 miles)**

**Marshall County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

**Cypress Creek 7.7 to 9.7 (2 miles)**

**Marshall County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Farley Branch 0.0 to 2.2 (2.2 miles)**

**Calloway County**

*Into Middle Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Guess Creek 0.0 to 2.6 (2.6 miles)**

**Livingston County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Haskell Branch 1.2 to 4.5 (3.3 miles)**

**Graves County**

*Into Spring Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Island Creek 0.0 to 5.6 (5.6 miles)**

**McCracken County**

*Into Tennessee River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Island Creek 5.6 to 10.3 (4.7 miles)**

**McCracken County**

*Into Tennessee River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Jonathan Creek 7.4 to 10.9 (3.5 miles)**

**Calloway County**

*Into Tennessee River (Kentucky Lake)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$132,300 Section 319(h) Grant funds (FFY2000) to the Jackson Purchase Foundation to design, install and demonstrate a decentralized wastewater treatment system for over 170 homes in the community of Pirates Cove in the Jonathan Creek watershed.

**Little Bee Creek 0.0 to 2.15 (2.15 miles)**

**Marshall County**

*Into Bee Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Salinity

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Little Cypress Creek 0.0 to 3.4 (3.4 miles)**

**Marshall County**

*Into Cypress Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Little Cypress Creek 3.4 to 6.0 (2.6 miles)**

**Marshall County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Middle Fork Clarks River 2.7 to 4.8 (2.1 miles)**

**Calloway County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Middle Fork Creek 0.2 to 6.0 (5.8 miles)**

**Marshall County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Source Unknown

**Reeves Branch 0.0 to 0.3 (0.3 miles)**

**Marshall County**

*Into Sugar Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Spring Creek 0.0 to 2.0 (2 miles)**

**Graves County**

*Into West Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**Spring Creek 3.6 to 5.4 (1.8 miles)**

**Graves County**

*Into West Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Turkey Creek 0.0 to 3.4 (3.4 miles)**

**Graves County**

*Into Spring Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**UT of Middle Fork Clarks River 0.00 to 1.3 (1.3 miles)**

**Calloway County**

*Into Middle Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

**UT to Clarks River 0.0 to 3.3 (3.3 miles)**

**Calloway County**

*Into Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**UT to Old Beaver Dam Slough 0.0 to 0.5 (0.5 miles)**

**Marshall County**

*Into Old Beaver Dam Slough*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8 (0.65)**

**Calloway County**

*Into UT to Tennessee River (Kentucky Lake)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Off-road Vehicles; Silviculture Harvesting

**West Fork of Clarks River 0.0 to 10.35 (10.35 miles)**

**McCracken County**

*Into Clarks River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Urban Runoff/Storm Sewers

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.4.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Tennessee River Basin  
Rivers

**West Fork of Clarks River 20.1 to 28.35 (8.25 miles)**

**Marshall County**

*Into Clarks River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.1 to 28.4.

The Methylmercury listing on the 2010 303(d) report has been more correctly identified as Mercury in Fish Tissue.

**West Fork of Clarks River (Relict Channel) 0.0 to 11.1 (11.1 miles)**

**Graves County**

*Into West Fork Clarks River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**West Fork of Clarks River (Relict Channel) 19.7 to 22.7 (3.0 miles)**

**Marshall County**

*Into West Fork Clarks River Ditch*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**C.7 Upper Cumberland River Basin Rivers**

**Acorn Fork 0.0 to 1.9 (1.9 miles)**

**Knox County**

*Into Stinking Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

**Allen Creek 0.0 to 4.15 (4.15 miles)**

**Cumberland County**

*Into Marrowbone Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

**Alum Cave Branch 1.7 to 3.60 (1.9 miles)**

**Jackson County**

*Into Laurel Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

**Bark Camp Creek 0.1 to 3.8 (3.7 miles)**

**Whitley County**

*Into South Fork Cumberland River*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

**Beaver Creek 17.4 to 17.7 (0.3 miles)**

**Wayne County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Beaver Creek 17.7 to 35.5 (17.8 miles)**

**Wayne County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 16.6 to 34.5.

**Becks Creek 0.0 to 4.0 (4 miles)**

**Whitley County**

*Into Jellico Creek*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Surface Mining

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

Pollutant: pH

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

**BeeLick Creek 7.5 to 10.9 (3.4 miles)**

**Lincoln County**

*Into Brushy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed. In 2010, KDOW awarded \$487,919 Section 319(h) Grant funds to the Pulaski County Conservation District to develop a Watershed Plan for the Brushy Creek watershed.

**Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 (3.2 miles)**

**Bell County**

*Into Yellow Creek Bypass*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Bens Fork 0.0 to 2.2 (2.2 miles)**

**Bell County**

*Into Little Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

**Big Clifty Creek 4.7 to 6.7 (2 miles)**

**Pulaski County**

*Into Lake Cumberland*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Municipal Point Source Discharges

**Big Indian Creek 0.0 to 5.6 (5.6 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

**Big Renox Creek 0.0 to 5.8 (5.8 miles)**

**Cumberland County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Board Branch 0.5 to 1.8 (1.3 miles)**

**Harlan County**

*Into Martins Fork (Reservoir)*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

**Briary Creek 0.0 to 4.4 (4.4 miles)**

**Pulaski County**

*Into Buck Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Recreational Pollution Sources

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Brush Creek 0.0 to 3.5 (3.5 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Surface Mining

**Buck Creek 45.6 to 53.0 (7.4 miles)**

**Pulaski County**

*Into Cumberland River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

**Bull Run 0.0 to 3.7 (3.7 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Legacy Coal Extraction; Loss of Riparian Habitat

**Cane Creek 0.0 to 4.4 (4.4 miles)**

**Whitley County**

*Into Clear Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oxygen, Dissolved

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

**Cannon Creek 0.0 to 1.8 (1.8 miles)**

**Bell County**

*Into Yellow Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat

**Catron Creek 0.0 to 8.9 (8.9 miles)**

**Harlan County**

*Into Martins Fork Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Non-Point Source

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Clear Fork 17.0 to 19.4 (2.4 miles)**

**Whitley County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Surface Mining

**Clover Fork 9.2 to 15.5 (6.3 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

**Clover Fork 15.5 to 18.2 (2.7 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

**Clover Fork 18.2 to 28.2 (10 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

**Clover Fork 28.2 to 28.9 (0.7 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Source Unknown; Surface Mining

**Clover Fork 28.9 to 33.8 (4.9 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

**Cloverlick Creek 0.0 to 5.0 (5 miles)**

**Harlan County**

*Into Poor Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Colliers Creek 0.0 to 4.1 (4.1 miles)**

**Letcher County**

*Into Poor Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Craig Creek 5.8 to 6.8 (1 miles)**

**Laurel County**

*Into Laurel River Reservoir*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/Destabilization

**Crane Creek 1.4 to 2.0 (0.6 miles)**

**Harlan County**

*Into Martins Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

**Cranks Creek 1.6 to 2.4 (0.8 miles)**

**Harlan County**

*Into Martins Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Crocus Creek 4.9 to 14.0 (9.1 miles)**

**Cumberland County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Mine Tailings

**Crocus Creek 14.0 to 17.15 (3.15 miles)**

**Adair County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Cumberland River 569.4 to 575.1 (5.7 miles)**

**Whitley County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Cumberland River 653.25 to 659.95 (6.7 miles)**

**Bell County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 554.65 to 569.4.

**Cumberland River 671.9 to 682.3 (10.4 miles)**

**Harlan County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

**East Fork of Lynn Camp Creek 0.0 to 4.5 (4.5 miles)**

**Knox County**

*Into Lynn Camp Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment)

**Elk Spring Creek 0.0 to 7.8 (7.8 miles)**

**Wayne County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Ewing Creek 0.1 to 2.9 (2.8 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

**Ferris Fork Creek 0.0 to 1.2 (1.2 miles)**

**Cumberland County**

*Into Marrowbone Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat

**Gilmore Creek 0.0 to 5.9 (5.9 miles)**

**Lincoln County**

*Into Buck Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Goodin Creek 2.1 to 2.6 (0.5 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

**Grassy Branch 0.0 to 0.55 (0.55 miles)**

**Jackson County**

*Into Laurel Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Harris Branch 0.25 to 0.6 (0.35 miles)**

**Harlan County**

*Into Martins Fork (Reservoir)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

**Hatchell Branch 0.0 to 1.0 (1 miles)**

**McCreary County**

*Into Eagle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

**Hazel Patch Creek 0.0 to 1.8 (1.8 miles)**

**Laurel County**

*Into Little Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

**Indian Creek 0.0 to 4.2 (4.2 miles)**

**Pulaski County**

*Into Buck Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Dredging (e.g., for Navigation Channels)

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

The Sedimentation/Siltation listing on the 2010 303(d) report has been more correctly identified as Cause Unknown.

**Indian Creek 0.0 to 4.5 (4.5 miles)**

**Jackson County**

*Into Middle Fork Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Jennys Branch 0.0 to 6.0 (6 miles)**

**McCreary County**

*Into Laurel Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

**Kilburn Fork 0.9 to 6.2 (5.3 miles)**

**McCreary County**

*Into Indian Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

**Laurel Creek 3.65 to 5.1 (1.45 miles)**

**McCreary County**

*Into Marsh Creek*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source Unknown

**Laurel Fork of Clear Fork 4.25 to 10.3 (6.05 miles)**

**Whitley County**

*Into Clear Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

**Laurel Fork of Clear Fork 10.3 to 13.8 (3.5 miles)**

**Whitley County**

*Into Clear Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Woodlot Site Clearance

**Laurel River 0.9 to 2.2 (1.3 miles)**

**Laurel County**

*Into Cumberland River*

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Temperature, water

Suspected Sources: Dam or Impoundment; Upstream Source

**Laurel River 23.7 to 24.9 (1.2 miles)**

**Laurel County**

*Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Laurel River 26.35 to 33.95 (7.6 miles)**

**Laurel County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli  
Suspected Sources: Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

Pollutant: Iron  
Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 26.3 to 33.7.

**Laurel River 33.95 to 44.7 (10.75 miles)**

**Laurel County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 33.7 to 39.8.

**Left Fork of Straight Creek 0.0 to 13.1 (13.1 miles)**

**Bell County**

*Into Straight Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Coal Mining; Upstream Source

Pollutant: Total Suspended Solids (TSS)  
Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Pollutant: Turbidity  
Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Lewis Creek 0.0 to 3.5 (3.5 miles)**

**Cumberland County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

**Lick Creek 0.00 to 3.65 (6.7 miles)**

**Laurel County**

*Into Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Lick Fork 0.0 to 1.3 (1.3 miles)**

**Harlan County**

*Into Fugitt Creek*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Line Creek 2.3 to 5.5 (3.2 miles)**

**Pulaski County**

*Into Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Little Clear Creek 0.0 to 10.9 (10.9 miles)**

**Bell County**

*Into Clear Creek of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction

Pollutant: Specific Conductance

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Legacy Coal Extraction

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Little Laurel River 0.0 to 8.4 (8.4 miles)**

**Laurel County**

*Into Laurel River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

**Little Laurel River 8.4 to 12.7 (4.3 miles)**

**Laurel County**

*Into Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Phosphorus (Total)  
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation  
Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Little Laurel River 12.7 to 14.8 (2.1 miles)**

**Laurel County**

*Into Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Little Laurel River 14.8 to 23.0 (8.2 miles)**

**Laurel County**

*Into Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

**Little Poplar Creek 0.0 to 2.8 (2.8 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

**Little Poplar Creek 3.1 to 4.4 (1.3 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas)

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Little Raccoon Creek 0.0 to 7.7 (7.7 miles)**

**Laurel County**

*Into South Fork Rockcastle River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Legacy Coal Extraction

Pollutant: Manganese

Suspected Sources: Legacy Coal Extraction

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Legacy Coal Extraction

**Little South Fork 0.0 to 4.4 (4.4 miles)**

**Wayne County**

*Into Big South Fork Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Surface Mining

**Lynn Camp Creek 0.04 to 3.45 (3.41 miles)**

**Laurel County**

*Into Lake Cumberland*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted  
Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Oil and Grease

Suspected Sources: Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted  
Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Habitat Modification - Other than Hydromodification; Other Spill Related  
Impacts; Source Unknown; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Lynn Camp Creek 4.5 to 10.5 (6 miles)**

**Whitley County**

*Into Laurel River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

**Marrowbone Creek 0.0 to 2.8 (2.8 miles)**

**Cumberland County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Marsh Creek 13.5 to 16.5 (3 miles)**

**McCreary County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

**Marsh Creek 19.0 to 24.1 (5.1 miles)**

**McCreary County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining

**Martins Fork 10.2 to 15.85 (5.65 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Dam or Impoundment; Upstream Source

Pollutant: Temperature, water

Suspected Sources: Dam or Impoundment; Upstream Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.8 to 17.45.

**Martins Fork 19.4 to 28.85 (9.45 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Meadow Creek 0.0 to 7.4 (7.4 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access

**Middle Fork of Beaver Creek 0.0 to 2.3 (2.3 miles)**

**McCreary County**

*Into Beaver Creek*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

**Middle Fork of Richland Creek 0.0 to 1.2 (1.2 miles)**

**Knox County**

*Into Richland Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining

**Mitchell Creek 0.0 to 3.8 (3.8 miles)**

**Laurel County**

*Into Sinking Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Mud Creek of Clear Fork 0.0 to 5.2 (5.2 miles)**

**Whitley County**

*Into Clear Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Pitman Creek 5.4 to 6.0 (0.6 miles)**

**Pulaski County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.8 to 5.95.

**Pond Creek 0.0 to 6.3 (6.3 miles)**

**Jackson County**

*Into South Fork Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Poor Fork of Cumberland River 14.9 to 16.3 (1.4 miles)**

**Harlan County**

*Into Martins Fork of Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

**Poplar Creek 4.7 to 5.85 (1.15 miles)**

**Whitley County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Powder Mill Creek 0.0 to 4.9 (4.9 miles)**

**Laurel County**

*Into Sinking Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Raccon Creek 0.0 to 2.3 (2.3 miles)**

**Jackson County**

*Into Horselick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Raccoon Creek 0.0 to 2.7 (2.7 miles)**

**Laurel County**

*Into South Fork Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Raleigh Fork 0.0 to 1.1 (1.1 miles)**

**Letcher County**

*Into South Fork Colliers Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Renfro Creek 0.0 to 3.1 (3.1 miles)**

**Rockcastle County**

*Into Roundstone Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Richland Creek 0.0 to 6.3 (6.3 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Non-Point Source

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-Point Source

**Roaring Paunch Creek 7.8 to 15.6 (7.8 miles)**

**McCreary County**

*Into South Fork Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

KDOW awarded \$280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop and implement a Watershed Plan for Roaring Paunch, Bear and Big Creeks watersheds in the Big South Fork Cumberland River.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Rock Creek 0.0 to 4.3 (4.3 miles)**

**McCreary County**

*Into South Fork Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

**Rock Creek 16.5 to 21.5 (5 miles)**

**McCreary County**

*Into South Fork Cumberland River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

**Roundstone Creek 0.0 to 10.9 (10.9 miles)**

**Rockcastle County**

*Into Rockcastle River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

**Roundstone Creek 17.1 to 23.9 (6.8 miles)**

**Rockcastle County**

*Into Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Ryans Creek 0.0 to 5.3 (5.3 miles)**

**McCreary County**

*Into Jellico Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Surface Mining

**Sallys Branch 0.00 to 2.90 (2.9 miles)**

**Laurel County**

*Into Little Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Sam Branch 0.0 to 0.5 (0.5 miles)**

**Pulaski County**

*Into Fishing Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Sampson Branch 0.00 to 4.70 (4.7 miles)**

**Laurel County**

*Into Little Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Sims Fork 0.0 to 5.2 (5.2 miles)**

**Bell County**

*Into Left Fork Straight Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Sinking Creek 13.35 to 17.65 (4.3 miles)**

**Laurel County**

*Into Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Skegg Creek 0.0 to 3.3 (3.3 miles)**

**Rockcastle County**

*Into Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**South Fork of Colliers Creek 0.0 to 1.9 (1.9 miles)**

**Letcher County**

*Into Colliers Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Legacy Coal Extraction

**South Fork of Rockcastle River 21.2 to 29.1 (7.9 miles)**

**Laurel County**

*Into Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Stevenson Branch 0.0 to 1.9 (1.9 miles)**

**Bell County**

*Into Yellow Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Stinking Creek 0.0 to 2.1 (2.1 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oil and Grease

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Source Unknown

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production; Petroleum/Natural Gas Activities; Surface Mining

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

**Stinking Creek 11.3 to 17.6 (6.3 miles)**

**Knox County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

**Stoney Fork 0.0 to 2.3 (2.3 miles)**

**Bell County**

*Into Straight Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining; Woodlot Site Clearance

Pollutant: Turbidity

Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Stony Fork 0.0 to 5.3 (5.3 miles)**

**Bell County**

*Into Bennetts Fork Yellow Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Woodlot Site Clearance

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Woodlot Site Clearance

**Straight Creek 1.7 to 23.3 (21.6 miles)**

**Bell County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Sugar Camp Branch 0.0 to 1.4 (1.4 miles)**

**Pulaski County**

*Into Lacey Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

**UT of Cumberland River 0.0 to 1.95 (1.95 miles)**

**Cumberland County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**UT of Little Laurel River 0.0 to 1.4 (1.4 miles)**

**Laurel County**

*Into Little Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal (Urbanized High Density Area)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**UT of Powder Mill Creek 0.00 to 1.10 (1.1 miles)**

**Laurel County**

*Into Powder Mill Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

**UT of Smith Creek 0.0 to 1.6 (1.6 miles)**

**Clinton County**

*Into Smith Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

**UT of UT of Little Laurel River 0.0 to 0.1 (0.1 miles)**

**Laurel County**

*Into UT to Little Laurel Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

**UT of UT to Acorn Fork 0.0 to 0.2 (0.2 miles)**

**Knox County**

*Into UT to Acorn Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**UT to Acorn Fork 0.0 to 0.25 (0.25 miles)**

**Knox County**

*Into Acorn Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

**UT to Helton Branch 0.0 to 0.4 (0.4 miles)**

**Knox County**

*Into Helton Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat

**UT to Jennys Branch 0.0 to 1.3 (1.3 miles)**

**McCreary County**

*Into Jennys Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Source Unknown

**UT to UT to Acorn Fork 0.0 to 0.55 (0.55 miles)**

**Knox County**

*Into UT to Acorn Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

**Wallins Creek 0.0 to 4.2 (4.2 miles)**

**Harlan County**

*Into Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Erosion from Derelict Land (Barren Land)

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**White Oak Creek 0.0 to 1.0 (1 miles)**

**Laurel County**

*Into Sinking Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Agriculture

Pollutant: Turbidity

Suspected Sources: Agriculture

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**White Oak Creek 0.0 to 4.2 (4.2 miles)**

**McCreary County**

*Into Rock Creek*

*Mouth to Headwaters*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

**White Oak Creek 7.1 to 11.2 (4.1 miles)**

**Pulaski County**

*Into Cumberland River (Lake Cumberland)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Whitley Branch 1.1 to 2.6 (1.5 miles)**

**Laurel County**

*Into Little Laurel River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

**Wolf Creek 0.0 to 1.8 (1.8 miles)**

**Whitley County**

*Into Clear Fork Cumberland River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Rivers

**Wood Creek 0.0 to 1.95 (1.95 miles)**

**Laurel County**

*Into Little Rockcastle River*

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Yellow Creek 0.0 to 6.65 (6.65 miles)**

**Bell County**

*Into Cumberland River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

Tennessee-Mississippi-Cumberland Basin Management Unit  
Upper Cumberland River Basin  
Freshwater Reservoirs

**C.8 Upper Cumberland River Basin Freshwater Reservoirs**

**Corbin City Reservoir (139 acres)**

**Laurel County**

*Laurel River - Impoundment*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

**Lake Cumberland (50250 acres)**

**Russell County**

*Cumberland River - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Appendix D. Green/Tradewater Basin Unit 303(d) List: Narrative**

**D.1 Green River Basin Rivers**

**Adams Fork 0.0 to 4.6 (4.6 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Austin Creek 2.6 to 3.6 (1 miles)**

**Logan County**

*Into Mud River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Industrial Point Source Discharge

**Bacon Creek 17.2 to 27.1 (9.9 miles)**

**Hart County**

*Into Nolin River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$342,898 Section 319(h) Grant funds (FFY2005, 2010) to the Kentucky Waterways Alliance to develop and implement a Watershed Plan (completed March, 2011) to address fecal coliform and siltation in the Bacon Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Barren River 104.9 to 119.4 (14.5 miles)**

**Allen County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Bat East Creek 0.0 to 3.3 (3.3 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Bat East Creek 3.4 to 7.5 (4.1 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Petroleum/Natural Gas Production Activities (Permitted);  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Bays Fork of Barren River 6.2 to 15.5 (9.3 miles)**

**Allen County**

*Into Barren River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Municipal Point Source Discharges

**Bear Creek 14.7 to 22.4 (7.7 miles)**

**Edmonson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Bear Creek 22.4 to 30.6 (8.2 miles)**

**Grayson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Beaver Creek 8.5 to 15.5 (7 miles)**

**Barren County**

*Into Barren River Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Big Brush Creek 0.0 to 5.0 (5 miles)**

**Green County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Big Creek 3.9 to 9.2 (5.3 miles)**

**Adair County**

*Into Russell Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Big Pitman Creek 27.5 to 32.6 (5.1 miles)**

**Taylor County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/Destabilization

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Big Reedy Creek 6.9 to 11.5 (4.6 miles)**

**Edmonson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Billy Creek 0.0 to 4.8 (4.8 miles)**

**Hardin County**

*Into Valley Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat;  
Site Clearance (Land Development or Redevelopment); Urban  
Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture  
Grazing; Streambank Modifications/Destabilization; Urban Runoff/Storm  
Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Black Snake Branch 1.6 to 2.9 (1.3 miles)**

**Taylor County**

*Into Big Brush Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Source Unknown

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Brush Creek 0.0 to 6.1 (6.1 miles)**

**Casey County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles;  
Streambank Modifications/Destabilization

**Brush Fork 0.0 to 4.4 (4.4 miles)**

**McLean County**

*Into Long Falls Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH  
Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation  
Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-  
irrigated Crop Production; Surface Mining

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Buck Creek 0.0 to 8.0 (8 miles)**

**McLean County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Buck Creek 1.9 to 8.1 (6.2 miles)**

**Christian County**

*Into Buck Fork of Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Buck Fork 0.0 to 5.8 (5.8 miles)**

**Todd County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Buck Fork 13.0 to 19.3 (6.3 miles)**

**Christian County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Burnett Fork 0.0 to 1.3 (1.3 miles)**

**Daviess County**

*Into North Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrogen (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Butler Fork 2.3 to 4.0 (1.7 miles)**

**Adair County**

*Into Russell Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Calhoun Creek 0.0 to 2.8 (2.8 miles)**

**Casey County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing

**Cane Run 0.0 to 3.7 (3.7 miles)**

**Daviess County**

*Into South Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Caney Creek 0.0 to 3.6 (3.6 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Caney Creek 3.6 to 7.6 (4 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Caney Creek 1.4 to 5.3 (3.9 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Cash Creek 0.0 to 5.8 (5.8 miles)**

**Henderson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

**Claylick Creek 2.4 to 3.4 (1 miles)**

**Warren County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - Other than Hydromodification

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Claylick Creek 4.1 to 5.3 (1.2 miles)**

**Metcalfe County**

*Into South Fork Little Barren River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Cox's Run 0.0 to 3.4 (3.4 miles)**

**Hardin County**

*Into Nolin River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

**Craborchard Creek 0.0 to 3.4 (3.4 miles)**

**Hopkins County**

*Into Drakes Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Crooked Creek 0.0 to 3.0 (3 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Cypress Creek 0.0 to 6.0 (6 miles)**

**McLean County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Cypress Creek 23.1 to 26.5 (3.4 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Cypress Creek 26.5 to 33.6 (7.1 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Non-Point Source; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Daniels Creek 0.0 to 5.7 (5.7 miles)**

**Breckinridge County**

*Into Rock Lick Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Deer Creek 0.0 to 8.4 (8.4 miles)**

**Webster County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Deserter Creek 0.0 to 3.1 (3.1 miles)**

**Daviess County**

*Into South Fork of Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Dorsey Run 2.1 to 3.9 (1.8 miles)**

**Hardin County**

*Into Sinks Nolin River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation

**Drakes Creek 0.0 to 23.4 (23.4 miles)**

**Warren County**

*Into Drakes Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

**Dry Creek 0.0 to 3.7 (3.7 miles)**

**Casey County**

*Into Casey Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

**East Branch 0.0 to 1.3 (1.3 miles)**

**Christian County**

*Into West Fork Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

**East Fork of Deer Creek 0.0 to 6.8 (6.8 miles)**

**Webster County**

*Into Deer Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**East Fork of Little Barren River 20.7 to 30.0 (9.3 miles)**

**Metcalfe County**

*Into Little Barren River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

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**East Prong of Indian Camp Creek 0.0 to 6.25 (6.25 miles)**

**Butler County**

*Into Indian Camp Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

**Eaton Branch 0.0 to 1.9 (1.9 miles)**

**Barren County**

*Into Nobob Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Elk Creek 0.0 to 5.4 (5.4 miles)**

**Hopkins County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Elk Creek 7.6 to 10.6 (3 miles)**

**Hopkins County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

**Elk Pond Creek 0.0 to 4.5 (4.5 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Flat Creek 0.0 to 10.9 (10.9 miles)**

**Hopkins County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oil and Grease

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Ford Ditch 0.0 to 3.3 (3.3 miles)**

**Daviess County**

*Into Rhodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Gilles Ditch 0.0 to 5.4 (5.4 miles)**

**Daviess County**

*Into Rhodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Glens Fork 0.0 to 7.1 (7.1 miles)**

**Adair County**

*Into Russell Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture  
Grazing

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Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Grassy Creek 2.1 to 4.4 (2.3 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining

**Green River 71.9 to 94.4 (22.5 miles)**

**Muhlenberg County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Green River 210.5 to 250.3 (39.8 miles)**

**Hart County**

*Into Ohio River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Green River 283.3 to 309.0 (25.7 miles)**

**Taylor County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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**Groves Creek 0.0 to 6.4 (6.4 miles)**

**Webster County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

**Halls Creek 6.8 to 9.6 (2.8 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Havana Creek 0.0 to 1.9 (1.9 miles)**

**Webster County**

*Into Deer Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Indian Camp Creek 0.1 to 3.1 (3 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

**Indian Camp Creek 3.1 to 10.4 (7.3 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Non-Point Source

**Isaacs Creek 0.0 to 7.3 (7.3 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Jarrels Creek 0.0 to 1.8 (1.8 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Habitat Modification - Other than Hydromodification; Source Unknown

**Jarret Fork 0.0 to 1.1 (1.1 miles)**

**Grayson County**

*Into Caney Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Sedimentation/Siltation

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

**Jenny Hollow Branch 0.0 to 2.4 (2.4 miles)**

**Ohio County**

*Into Horse Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Joels Branch 0.0 to 4.4 (4.4 miles)**

**Daviess County**

*Into North Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Joels Run 0.0 to 4.8 (4.8 miles)**

**Daviess County**

*Into North Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Knoblick Creek 0.0 to 2.1 (2.1 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Knoblick Creek 0.0 to 9.1 (9.1 miles)**

**Webster County**

*Into Deer Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Lewis Creek 0.0 to 11.8 (11.8 miles)**

**Ohio County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

**Lick Creek 0.0 to 3.7 (3.7 miles)**

**Henderson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

**Lick Creek 5.0 to 13.8 (8.8 miles)**

**Henderson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

**Lindy Creek 0.0 to 0.9 (0.9 miles)**

**Hart County**

*Into Lynn Camp Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Managed Pasture Grazing

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**Little Beavardam Creek 0.0 to 11.4 (11.4 miles)**

**Warren County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Little Cypress Creek 0.0 to 8.7 (8.7 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Little Cypress Creek 8.7 to 10.1 (1.4 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Little Muddy Creek 5.2 to 6.6 (1.4 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

**Little Muddy Creek 6.6 to 12.9 (6.3 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Long Creek 0.0 to 3.3 (3.3 miles)**

**Muhlenberg County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications;  
Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities

**Long Falls Creek 0.0 to 7.6 (7.6 miles)**

**McLean County**

*Into Green River Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production;  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Long Falls Creek 7.6 to 11.8 (4.2 miles)**

**McLean County**

*Into Green River Reservoir*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Loss of Riparian Habitat

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non-irrigated  
Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Long Lick Creek 4.6 to 7.2 (2.6 miles)**

**Breckinridge County**

*Into Rough River Reservoir*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

**McGrady Creek 0.0 to 1.9 (1.9 miles)**

**Ohio County**

*Into Caney Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Meeting Creek 5.2 to 14.0 (8.8 miles)**

**Hardin County**

*Into Rough River Reservoir*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Middle Fork of Drakes Creek 0.0 to 7.8 (7.8 miles)**

**Warren County**

*Into Drakes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

**Mill Creek 0.0 to 4.2 (4.2 miles)**

**Ohio County**

*Into Smith Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Mud River 0.0 to 9.1 (9.1 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Mud River 9.1 to 30.9 (21.8 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

**Mud River 30.9 to 52.2 (21.3 miles)**

**Logan County**

*Into Green River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

**Mud River 52.2 to 64.0 (11.8 miles)**

**Logan County**

*Into Green River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

**Muddy Creek 0.0 to 5.0 (5 miles)**

**Ohio County**

*Into Caney Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Muddy Creek 0.0 to 5.9 (5.9 miles)**

**Butler County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Muddy Creek 1.9 to 4.9 (3 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Muddy Creek 5.8 to 9.1 (3.3 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production

**Muddy Creek 8.6 to 15.2 (6.6 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channelization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Narge Creek 2.6 to 4.1 (1.5 miles)**

**Hopkins County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

**North Branch of South Fork of Panther Creek 0.0 to 4.2 (4.2 miles)**

**Hancock County**

*Into South Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

**North Fork of Barnett Creek 0.0 to 2.3 (2.3 miles)**

**Ohio County**

*Into Barnett Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**North Fork of Nolin River 3.0 to 7.0 (4 miles)**

**Larue County**

*Into Nolin River (Reservoir)*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**North Fork of Panther Creek 0.0 to 4.2 (4.2 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

**North Fork of Panther Creek 4.2 to 9.1 (4.9 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**North Fork Panther Creek 9.7 to 12.7 (3 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Old Panther Creek 0.4 to 5.7 (5.3 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Old Panther Creek 5.7 to 8.8 (3.1 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

**Otter Creek 0.0 to 6.3 (6.3 miles)**

**Hopkins County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater

Green/TradeWater Basin Management Unit  
Green River Basin  
Rivers

**Panther Creek 0.0 to 3.6 (3.6 miles)**

**Butler County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

**Panther Creek 0.1 to 3.0 (2.9 miles)**

**Daviess County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Panther Creek 3.0 to 5.9 (2.9 miles)** **Daviess County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Panther Creek 17.9 to 20.4 (2.5 miles)**

**Daviess County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Pettys Fork 0.0 to 6.1 (6.1 miles)**

**Adair County**

*Into Russell Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Pigeon Creek 0.0 to 3.4 (3.4 miles)**

**Ohio County**

*Into Muddy Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage

**Pleasant Run 0.0 to 2.0 (2 miles)**

**Hopkins County**

*Into Drakes Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

The Division of Water awarded \$756,286 (FFY2001) and \$720,440 (FFY2005) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to develop a watershed plan (completed May, 2007), restore abandoned mine lands and remediate acid mine drainage in the watershed (The FFY01 funds were divided between Pleasant Run and Fox Creek (a Tradewater River Basin tributary)). The Kentucky Division of Abandoned Mine Lands has allocated \$136,678 (1999), \$1,339,260 (2004) and \$984,701 (2007) in federal AML funds for reclamation projects in the Pleasant Run watershed.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Plum Creek 0.0 to 1.7 (1.7 miles)**

**Muhlenberg County**

*Into Pond Creek/Atkins Swamp*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Inappropriate Waste Disposal

Pollutant: Total Dissolved Solids

Suspected Sources: Inappropriate Waste Disposal

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Plum Creek 1.7 to 3.9 (2.2 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Pond Creek 4.8 to 7.6 (2.8 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Inappropriate Waste Disposal; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Pond Creek 7.6 to 11.7 (4.1 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Pond Creek 11.7 to 14.4 (2.7 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Pond Creek 14.4 to 18.1 (3.7 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/TradeWater Basin Management Unit  
Green River Basin  
Rivers

**Pond Creek 18.1 to 22.1 (4 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;  
Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline  
Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining;  
Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Pond Drain 0.0 to 2.3 (2.3 miles)**

**McLean County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Non-irrigated Crop Production

**Pond River 1.0 to 20.8 (19.8 miles)**

**Hopkins County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

**Pond River 20.8 to 31.1 (10.3 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Habitat Modification - Other than  
Hydromodification; Surface Mining

**Pond River 61.2 to 71.4 (10.2 miles)**

**Muhlenberg County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Pond Run 0.0 to 6.8 (6.8 miles)**

**Ohio County**

*Into Rough River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Render Creek 0.0 to 3.6 (3.6 miles)**

**Ohio County**

*Into Lewis Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

**Rhodes Creek 0.0 to 1.9 (1.9 miles)**

**Daviess County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

**Rhodes Creek 0.0 to 2.2 (2.2 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Rhodes Creek 2.2 to 7.5 (5.3 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Richland Slough 0.0 to 4.9 (4.9 miles)**

**Henderson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-irrigated Crop Production

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Robinson Creek 8.8 to 10.8 (2 miles)**

**Taylor County**

*Into Green River (Reservoir)*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

**Rough River 0.0 to 10.4 (10.4 miles)**

**McLean County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

**Rough River 55.1 to 64.3 (9.2 miles)**

**Ohio County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

**Rough River 125.2 to 149.4 (24.2 miles)**

**Hardin County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Salt Lick Creek 0.0 to 1.4 (1.4 miles)**

**Warren County**

*Into Gasper River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Sand Lick Creek 0.0 to 4.0 (4 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Skaggs Creek 5.5 to 23.3 (17.8 miles)**

**Barren County**

*Into Barren River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**South Fork of Beaver Creek 0.0 to 3.2 (3.2 miles)**

**Barren County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

**South Fork of Little Barren River 23.1 to 30.1 (7 miles)**

**Metcalf County**

*Into Little Barren River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**South Fork of Panther Creek 0.0 to 2.4 (2.4 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Copper  
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Phosphorus (Total)  
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation  
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**South Fork of Panther Creek 2.4 to 9.55 (7.15 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

**South Fork of Panther Creek 9.55 to 14.0 (4.45 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Managed Pasture Grazing

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)  
Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation  
Suspected Sources: Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**South Fork of Panther Creek 14.0 to 18.3 (4.3 miles)**

**Daviess County**

*Into Panther Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

**Sputzman Creek 1.3 to 4.4 (3.1 miles)**

**Henderson County**

*Into Green River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Sunfish Creek 6.8 to 10.3 (3.5 miles)**

**Grayson County**

*Into Bear Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Sweepstakes Branch 1.0 to 4.0 (3 miles)**

**Daviess County**

*Into South Fork Panther Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Sycamore Creek 0.0 to 1.6 (1.6 miles)**

**Edmonson County**

*Into Bear Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

**Taylor Fork 0.0 to 4.0 (4 miles)**

**Grayson County**

*Into Bear Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

Green/TradeWater Basin Management Unit  
Green River Basin  
Rivers

**Three Lick Fork 0.0 to 3.3 (3.3 miles)**

**Ohio County**

*Into Muddy Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;  
Surface Mining

**Town Branch 0.0 to 6.2 (6.2 miles)**

**Logan County**

*Into Mud River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

**UT of Cypress Creek 0.0 to 3.4 (3.4 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Butler Branch 0.0 to 1.7 (1.7 miles)**

**Adair County**

*Into Butler Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**UT to Cool Springs Creek 0.0 to 1.6 (1.6 miles)**

**Adair County**

*Into Cool Springs Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**UT to Cypress Creek 0.0 to 1.1 (1.1 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Cypress Creek 0.0 to 1.45 (1.45 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture  
Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Cypress Creek 0.0 to 8.1 (8.1 miles)**

**Muhlenberg County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank  
Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Drakes Creek 0.0 to 2.2 (2.2 miles)**

**Hopkins County**

*Into Drakes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or  
Redevelopment); Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Site Clearance (Land  
Development or Redevelopment); Urban Runoff/Storm Sewers

**UT to Elk Creek 0.0 to 1.0 (1 miles)**

**Hopkins County**

*Into Elk Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**UT to EIK Creek 0.0 to 2.6 (2.6 miles)**

**Hopkins County**

*Into Elk Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture

**UT to Flat Creek 0.0 to 3.1 (3.1 miles)**

**Hopkins County**

*Into Flat Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

**UT to Flat Creek 3.1 to 4.1 (1 miles)**

**Hopkins County**

*Into Flat Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

**UT to Little Cypress Creek 0.0 to 1.75 (1.75 miles)**

**Muhlenberg County**

*Into Little Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Little Cypress Creek 0.0 to 3.25 (3.25 miles)**

**Muhlenberg County**

*Into Little Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Pond Creek 0.0 to 2.4 (2.4 miles)**

**Muhlenberg County**

*Into Pond Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**UT to Richland Creek 0.0 to 1.7 (1.7 miles)**

**Butler County**

*Into Richland Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

**UT to UT to Little Cypress Creek 0.0 to 2.6 (2.6 miles)**

**Muhlenberg County**

*Into UT of Little Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to West Bays Fork 0.0 to 1.0 (1 miles)**

**Allen County**

*Into West Bays Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank  
Modifications/Destabilization; Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Unrestricted Cattle Access

**UT to West Fork of Lewis Creek 0.0 to 2.2 (2.2 miles)**

**Ohio County**

*Into West Fork Lewis Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

**UT to Wigginton Creek 0.9 to 1.9 (1 miles)**

**Logan County**

*Into Wigginton Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Valley Creek 0.0 to 3.6 (3.6 miles)**

**Hardin County**

*Into Nolin River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Valley Creek 8.4 to 10.8 (2.4 miles)**

**Hardin County**

*Into Nolin River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**West Fork of Drakes Creek 0.0 to 23.3 (23.3 miles)**

**Simpson County**

*Into Drakes Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge; Unpermitted Discharge (Industrial/Commercial Wastes)

**West Fork of Drakes Creek 26.7 to 32.1 (5.4 miles)**

**Simpson County**

*Into Drakes Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

**West Fork of Pond River 1.6 to 8.7 (7.3 miles)**

**Christian County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

**West Fork of Pond River 20.3 to 26.0 (5.7 miles)**

**Christian County**

*Into Pond River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations)

Green/Tradewater Basin Management Unit  
Green River Basin  
Rivers

**Wolf Branch Ditch 0.0 to 4.1 (4.1 miles)**

**Daviess County**

*Into Rhodes Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Wolf Lick Creek 0.0 to 14.6 (14.6 miles)**

**Logan County**

*Into Mud River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Silviculture Activities

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Streambank Modifications/Destabilization

Green/Tradewater Basin Management Unit  
Green River Basin  
Springs

**D.2 Green River Basin Springs**

**Goodman Springs (9000-0230) (1 miles)**

**Hardin County**

*Into Nolin River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**Goren Mill Spring (9000-0793) (1 miles)**

**Hart County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Graham Spring (9000-0051) (1 miles)**

**Warren County**

*Into Barren River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Head of Rough River Spring 154.85 to 155.8 (0.95 miles)**

**Hardin County**

*Into Rough River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Lost River Rise (9000-0054) (1 miles)**

**Warren County**

*Into Jennings Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Springs

**Mahurin Spring (9000-0202) (1 miles)**

**Grayson County**

*Into Spring Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**McCoy Bluehole Spring (9000-0792) (1 miles)**

**Hart County**

*Into Green River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Mill Spring (9000-1193) (1 miles)**

**Grayson County**

*Into Nolin River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**Nolynn Spring (9000-2673) (1 miles)**

**Larue County**

*Into North Fork Nolin River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Skees KW#1 (9000-1398) (1 miles)**

**Hardin County**

*Into Nolin River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Freshwater Reservoirs

**D.3 Green River Basin Freshwater Reservoirs**

**Campbellsville City Reservoir (63 acres)**

**Taylor County**

*Trace Fork Little Pitman Creek - Impoundment*

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Natural Sources; Upstream Source

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

**Caneyville City Reservoir (75 acres)**

**Grayson County**

*Bennett Fork to North Fork of Caney Creek - Impoundment*

Impaired Use: Domestic Water Supply (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Natural Sources

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Shallow Lake/Reservoir Basin

Pollutant: Sedimentation/Siltation

Suspected Sources: Shallow Lake/Reservoir Basin

**Green River Reservoir (8210 acres)**

**Taylor County**

*Green River - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

**Lake Luzerne (55 acres)**

**Muhlenberg County**

*UT to Caney Creek - Impoundment*

Impaired Use: Domestic Water Supply (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

**Lake Malone (826 acres)**

**Logan County**

*Rocky Creek - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

**Rough River Reservoir (5100 acres)**

**Hardin County**

*Rough River - Impoundment*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Green River Basin  
Freshwater Reservoirs

**Spa Lake (240 acres)**

**Logan County**

*Wolf Lick Creek - Impoundment*

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Natural Sources

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Rivers

**D.4 Ohio River Basin Rivers**

**Bayou Creek 0.0 to 19.1 (19.1 miles)**

**Livingston County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

**Bear Run 1.6 to 1.9 (0.3 miles)**

**Breckinridge County**

*Into Clover Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting

**Bell Ditch 0.0 to 2.8 (2.8 miles)**

**Daviess County**

*Into Pup Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Blackford Creek 0.2 to 4.0 (3.8 miles)**

**Hancock County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Blackford Creek 4.0 to 8.4 (4.4 miles)**

**Hancock County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Rivers

**Canoe Creek 2.4 to 5.0 (2.6 miles)**

**Henderson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chromium (total)  
Suspected Sources: Source Unknown

Pollutant: Copper  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Non-irrigated Crop Production

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation  
Suspected Sources: Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Zinc  
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Casey Creek 0.6 to 9.7 (9.1 miles)**

**Union County**

*Into Highland Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Total Dissolved Solids  
Suspected Sources: Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted)

**Clover Creek 7.7 to 9.2 (1.5 miles)**

**Breckinridge County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations)

**Crooked Creek 0.0 to 12.1 (12.1 miles)**

**Crittenden County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Rivers

**Crooked Creek 12.1 to 26.4 (14.3 miles)**

**Crittenden County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Deer Creek 0.0 to 8.1 (8.1 miles)**

**Livingston County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

**Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9 (10.5 miles)**

**Union County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

**Dyer Hill Creek 0.4 to 6.0 (5.6 miles)**

**Livingston County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Specific Conductance

Suspected Sources: Agriculture

**East Fork of Canoe Creek 0.0 to 4.4 (4.4 miles)**

**Henderson County**

*Into Canoe Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved

Suspected Sources: Drought-related Impacts; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Rivers

**Goose Pond Ditch/Wardens Slough 0.0 to 13.6 (13.6 miles)**

**Union County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat;  
Streambank Modifications/Destabilization

**Highland Creek 0.0 to 7.6 (7.6 miles)**

**Union County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction);  
Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Highland Creek 7.6 to 21.4 (13.8 miles)**

**Henderson County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining (Subsurface); Petroleum/Natural Gas Activities

**Sadler Creek 0.0 to 2.4 (2.4 miles)**

**Livingston County**

*Into Buck Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank  
Modifications/Destabilization

**Sugg Creek 0.0 to 1.3 (1.3 miles)**

**Union County**

*Into Cypress Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Rivers

**UT to Rush Creek 0.0 to 1.3 (1.3 miles)**

**Crittenden County**

*Into Crooked Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Specific Conductance

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Ohio River Basin  
Freshwater Reservoirs

**D.5 Ohio River Basin Freshwater Reservoirs**

**Carpenter Lake (64 acres)**

**Daviess County**

*UT to Pup Creek - Impoundment*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Upstream Source

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Upstream Source

**Scenic Lake (18 acres)**

**Henderson County**

*UT to Ohio River - Impoundment*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Contaminated Sediments; Internal Nutrient Recycling

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**D.6 Tradewater River Basin Rivers**

**Bishop Ditch 0.0 to 2.7 (2.7 miles)**

**Webster County**

*Into Caney Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Pollutant: Turbidity

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

**Buffalo Creek 0.0 to 6.8 (6.8 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown

**Bull Creek 0.0 to 1.0 (1 miles)**

**Webster County**

*Into Slover Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production

**Caney Creek 0.0 to 3.3 (3.3 miles)**

**Caldwell County**

*Into Donaldson Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Caney Creek 0.0 to 8.2 (8.2 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Acid Mine Drainage; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Surface Mining

KDOW awarded \$756,286 Section 319(h) Grant funds (FFY2001) to the Kentucky Division of Abandoned Mine Lands to restore abandoned mine sites and remediate acid mine drainage in Pleasant Run (a Green River Basin tributary) and Fox Run, a tributary to Caney Creek. The Kentucky Division of Abandoned Mine Lands has also allocated \$359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed, a direct tributary to Caney Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Caney Fork 3.4 to 7.9 (4.5 miles)**

**Webster County**

*Into Craborchard Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

**Castleberry Creek 0.0 to 2.1 (2.1 miles)**

**Christian County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Clear Creek 0.0 to 7.5 (7.5 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown  
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved  
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Clear Creek 19.4 to 26.2 (6.8 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation  
Suspected Sources: Channelization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Clear Creek 26.2 to 26.5 (0.3 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform  
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Copper Creek 0.0 to 2.7 (2.7 miles)**

**Hopkins County**

*Into Richland Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron  
Suspected Sources: Coal Mining

Pollutant: pH  
Suspected Sources: Coal Mining

Pollutant: Specific Conductance  
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Coal Mining

Pollutant: Zinc  
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Copperas Creek 0.0 to 3.6 (3.6 miles)**

**Hopkins County**

*Into Caney Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cadmium  
Suspected Sources: Source Unknown

Pollutant: Iron  
Suspected Sources: Source Unknown

Pollutant: Nickel  
Suspected Sources: Source Unknown

Pollutant: Specific Conductance  
Suspected Sources: Source Unknown

Pollutant: Total Dissolved Solids  
Suspected Sources: Source Unknown

Pollutant: Zinc  
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7 (14.7 miles)**

**Webster County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Craborchard Creek 19.2 to 21.5 (2.3 miles)**

**Webster County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Donaldson Creek 0.0 to 14.2 (14.2 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**East Fork of Hurricane Creek 0.0 to 2.2 (2.2 miles)**

**Hopkins County**

*Into Hurricane Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Fox Run 0.0 to 1.1 (1.1 miles)**

**Hopkins County**

*Into Caney Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

The Division of Water awarded \$756,286 (FFY2001) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to restore abandoned mine lands and remediate acid mine drainage in the Fox Run and Pleasant Run (a Green River Basin tributary) watersheds. The Kentucky Division of Abandoned Mine Lands has allocated \$1,339,260 (2004) in federal AML funds for reclamation projects in the Fox Run and Pleasant Run watersheds.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Hurricane Creek 0.0 to 1.8 (1.8 miles)**

**Hopkins County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: pH

Suspected Sources: Coal Mining; Source Unknown

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

Pollutant: Zinc

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Lambs Creek 0.0 to 3.3 (3.3 miles)**

**Hopkins County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Lick Creek 0.0 to 11.9 (11.9 miles)**

**Hopkins County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Lynn Fork 0.0 to 2.4 (2.4 miles)**

**Webster County**

*Into Craborchard Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

**Pigeonroost Creek 0.0 to 3.9 (3.9 miles)**

**Crittenden County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

**Pond Creek 0.0 to 5.5 (5.5 miles)**

**Hopkins County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;  
Surface Mining

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;  
Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Relict Channel of Cypress Creek 0.5 to 3.3 (2.8 miles)**

**Union County**

*Into Tradewater River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

**Richland Creek 0.0 to 4.5 (4.5 miles)**

**Hopkins County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**Tradewater River 0.0 to 16.8 (16.8 miles)**

**Union County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

**Tradewater River 20.6 to 46.4 (25.8 miles)**

**Webster County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

**Tradewater River 63.1 to 79.4 (16.3 miles)**

**Hopkins County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

**Tradewater River 98.5 to 111.1 (12.6 miles)**

**Christian County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Sanitary Sewer Overflows (Collection System Failures)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures)

**Tyson Branch 0.0 to 2.5 (2.5 miles)**

**Caldwell County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**UT to Copper Creek 0.0 to 1.1 (1.1 miles)**

**Hopkins County**

*Into Copper Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT to Copperas Creek 0.0 to 0.9 (0.9 miles)**

**Hopkins County**

*Into Copperas Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cadmium

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: pH

Suspected Sources: Source Unknown

Pollutant: Specific Conductance

Suspected Sources: Source Unknown

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown

Pollutant: Zinc

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**UT to Donaldson Creek 0.0 to 1.8 (1.8 miles)**

**Caldwell County**

*Into Donaldson Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Specific Conductance

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**UT to Hurricane Creek 0.0 to 0.2 (0.2 miles)**

**Hopkins County**

*Into Hurricane Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH  
Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron  
Suspected Sources: Coal Mining

Pollutant: Nitrates  
Suspected Sources: Source Unknown

Pollutant: pH  
Suspected Sources: Coal Mining

Pollutant: Specific Conductance  
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Coal Mining

Pollutant: Zinc  
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**UT to Slover Creek 0.0 to 1.5 (1.5 miles)**

**Webster County**

*Into Slover Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Specific Conductance  
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat

**UT to UT to Slover Creek 0.0 to 1.2 (1.2 miles)**

**Webster County**

*Into UT to Slover Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Specific Conductance  
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Green/Tradewater Basin Management Unit  
Tradewater River Basin  
Rivers

**UT to UT to Slover Creek 0.2 to 1.5 (1.3 miles)**

**Webster County**

*Into Slover Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Ward Creek 5.1 to 10.3 (5.4 miles)**

**Caldwell County**

*Into Flynn Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Weirs Creek 0.0 to 4.9 (4.9 miles)**

**Hopkins County**

*Into Clear Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Wolf Creek 0.0 to 1.0 (1 miles)**

**Crittenden County**

*Into Tradewater River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Appendix E. Big Sandy/Little Sandy/Tygarts Basin Unit 303(d) List: Narrative**

**E.1 Big Sandy River Basin Rivers**

**Abbott Creek 0.0 to 3.2 (3.2 mi)**

**Floyd County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Turbidity

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

**Arkansas Creek 0.0 to 3.6 (3.6 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Arnold Fork 0.0 to 2.6 (2.6 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Banjo Branch 0.0 to 1.5 (1.5 mi)**

**Johnson County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

**Barnetts Creek 0.0 to 1.6 (1.6 mi)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Surface Mining

**Bear Creek 0.0 to 2.0 (2 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Animal Feeding Operations (NPS); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Beaver Creek 0.0 to 7.1 (7.1 mi)**

**Floyd County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Domestic Waste

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Big Creek 0.0 to 1.9 (1.9 mi)**

**Pike County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Big Creek 7.3 to 10.6 (3.3 mi)**

**Pike County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Surface Mining

**Big Creek 10.6 to 15.1 (4.5 mi)**

**Pike County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Big Mine Creek 1.4 to 3.9 (2.5 mi)**

**Magoffin County**

*Into Little Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

**Big Mine Creek 5.8 to 8.4 (2.6 mi)**

**Magoffin County**

*Into Little Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

**Big Sandy River 0.0 to 27.1 (27.1 mi)**

**Boyd County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification

**Bill D Branch 0.0 to 1.1 (1.1 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Bill D Branch 1.1 to 2.9 (1.8 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Blaine Creek 8.2 to 17.6 (9.4 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

**Blaine Creek 35.0 to 39.8 (4.8 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Blaine Creek 40.9 to 45.3 (4.4 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,  
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

**Brushy Fork 0.0 to 10.0 (10 mi)**

**Pike County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Buck Branch 0.0 to 2.8 (2.8 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Buffalo Creek 0.0 to 1.8 (1.8 mi)**

**Floyd County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Caleb Fork 0.0 to 1.2 (1.2 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Caney Fork 0.0 to 7.5 (7.5 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Caney Fork 7.5 to 11.3 (3.8 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Clear Creek 0.0 to 4.9 (4.9 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Coldwater Fork 2.1 to 5.3 (3.2 mi)**

**Martin County**

*Into Middle Fork Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sedim

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

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The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.1 to 8.8.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Dry Creek 0.0 to 4.0 (4 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Elkhorn Creek 0.0 to 10.7 (10.7 mi)**

**Pike County**

*Into Russell Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Frasure Creek 0.0 to 5.2 (5.2 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Georges Creek 0.0 to 2.9 (2.9 mi)**

**Lawrence County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Goose Creek 0.0 to 2.2 (2.2 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Greasy Creek 0.0 to 4.7 (4.7 mi)**

**Johnson County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining

**Hall Fork 0.0 to 2.0 (2 mi)**

**Floyd County**

*Into Frasure Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

**Harriett Branch 0.6 to 2.3 (1.7 mi)**

**Lawrence County**

*Into Little Blaine Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Hood Creek 0.0 to 3.6 (3.6 mi)**

**Lawrence County**

*Into Blaine Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater

**Ice Dam Creek 0.0 to 0.4 (0.4 mi)**

**Boyd County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Nitrogen (Total)

Suspected Sources: Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

**Ice Dam Creek 0.4 to 2.4 (2 mi)**

**Boyd County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Nitrogen (Total)

Suspected Sources: Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Indian Creek 0.0 to 3.5 (3.5 mi)**

**Pike County**

*Into Long Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

**Island Creek 0.0 to 1.7 (1.7 mi)**

**Pike County**

*Into Levisa Fork Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Jacks Creek 0.0 to 4.4 (4.4 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Jenny's Creek 0.0 to 3.1 (3.1 mi)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

**Jennys Creek 5.3 to 10.8 (5.5 mi)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining

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**Johns Branch 0.0 to 1.6 (1.6 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Johns Creek 0.0 to 5.8 (5.8 mi)**

**Johnson County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Hydrostructure Flow Regulation/Modification;  
Sand/Gravel/Rock Mining or Quarries; Surface Mining; Upstream  
Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Specific Conductance

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

**Johns Creek 24.0 to 30.65 (6.65 mi)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

**Johns Creek 34.4 to 42.5 (8.1 mi)**

**Pike County**

*Into Levisa Fork Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Jones Fork 0.0 to 9.9 (9.9 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Keaton Fork 0.0 to 5.1 (5.1 mi)**

**Johnson County**

*Into Left Fork Blaine Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

**Knox Creek 0.0 to 8.0 (8 mi)**

**Pike County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Upstream Source

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Temperature, water

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Left Fork Beaver Creek 0.0 to 11.4 (11.4 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Left Fork Beaver Creek 11.4 to 13.55 (2.15 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Left Fork Beaver Creek 13.55 to 18.7 (5.15 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Left Fork Beaver Creek 18.7 to 28.6 (9.9 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Left Fork Blaine Creek 0.0 to 2.1 (2.1 mi)**

**Lawrence County**

*Into Blaine Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

**Left Fork Malachi Branch 0.0 to 0.7 (0.7 mi)**

**Pike County**

*Into Right Fork Malachi Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Left Fork Middle Creek Levisa Fork 0.0 to 10.3 (10.3 mi)**

**Floyd County**

*Into Middle Creek of Levisa Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,  
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

**Levisa Fork 0.0 to 5.8 (5.8 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems  
(Septic Systems and Similar Decentralized Systems); Source Unknown

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source

**Levisa Fork 5.8 to 15.3 (9.5 mi)**

**Lawrence County**

*Into Big Sandy River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown; Surface Mining

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Levisa Fork 31.4 to 54.7 (23.3 mi)**

**Floyd County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Levisa Fork 65.2 to 98.0 (32.8 mi)**

**Pike County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

**Levisa Fork 98.0 to 101.25 (3.25 mi)**

**Pike County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Levisa Fork 116.0 to 124.4 (8.4 mi)**

**Pike County**

*Into Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

**Lick Branch 0.0 to 1.3 (1.3 mi)**

**Martin County**

*Into Coldwater Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Lick Creek 0.3 to 4.7 (4.4 mi)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

**Little Paint Creek 3.2 to 6.5 (3.3 mi)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

**Little Paint Creek 6.5 to 11.6 (5.1 mi)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining; Subsurface (Hardrock) Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Lockwood Creek 2.6 to 3.2 (0.6 mi)**

**Boyd County**

*Into Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source; Source Unknown

**Long Branch 0.0 to 2.0 (2 mi)**

**Floyd County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Long Fork 0.0 to 1.4 (1.4 mi)**

**Floyd County**

*Into Buck Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

**Long Fork 0.4 to 7.5 (7.1 mi)**

**Pike County**

*Into Buck Branch*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

**Lower Chloe Creek 0.0 to 1.5 (1.5 mi)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Lower Laurel Fork 0.0 to 7.9 (7.9 mi)**

**Lawrence County**

*Into Blaine Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining;  
Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining;  
Unspecified Urban Stormwater

**Marrowbone Creek 1.4 to 11.3 (9.9 mi)**

**Pike County**

*Into Russell Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);  
Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Meathouse Fork 0.0 to 2.9 (2.9 mi)**

**Pike County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Middle Creek Levisa Fork 0.0 to 4.6 (4.6 mi)**

**Floyd County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows  
Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining;  
Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining;  
Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Middle Fork Rockcastle Creek 0.0 to 16.8 (16.8 mi)**

**Martin County**

*Into Rockcastle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);  
Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian  
Habitat; Surface Mining

**Miller Creek 0.0 to 6.4 (6.4 mi)**

**Johnson County**

*Into Levisa Fork Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized  
Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Mud Creek 0.0 to 2.7 (2.7 mi)**

**Floyd County**

*Into Levisa Fork Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

**Nats Creek 0.0 to 3.1 (3.1 mi)**

**Lawrence County**

*Into Levisa Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Open Fork 6.4 to 11.3 (4.9 mi)**

**Morgan County**

*Into Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

**Otter Creek 0.0 to 0.5 (0.5 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Paddle Creek 0.0 to 1.4 (1.4 mi)**

**Boyd County**

*Into Ice Dam Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater

**Paint Creek 0.0 to 7.1 (7.1 mi)**

**Johnson County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Woodlot Site Clearance

Pollutant: Temperature, water

Suspected Sources: Woodlot Site Clearance

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Paint Creek 7.1 to 8.3 (1.2 mi)**

**Johnson County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Woodlot Site Clearance

Pollutant: Temperature, water

Suspected Sources: Woodlot Site Clearance

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

**Panther Fork 0.0 to 2.95 (2.95 mi)**

**Martin County**

*Into Wolf Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Other Spill Related Impacts; Surface Mining

**Peter Creek 0.0 to 5.8 (5.8 mi)**

**Pike County**

*Into Tug Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

**Pigeonroost Fork 0.0 to 1.3 (1.3 mi)**

**Martin County**

*Into Wolf Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Pond Cr. 0.0 to 9.7 (9.7 mi)**

**Pike County**

*Into Tug Fork*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/ Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat, Sewage Discharges in Unsewered Areas

Pollutant: Sedimentation/ Siltation

Suspected Sources: Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

**Puncheon Branch 0.0 to 3.6 (3.6 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Raccoon Creek 5.6 to 7.4 (1.8 mi)**

**Pike County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;  
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

**Right Fork Beaver Creek 0.0 to 17.4 (17.4 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Right Fork Beaver Creek 17.4 to 23.3 (5.9 mi)**

**Floyd County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Right Fork Beaver Creek 23.3 to 30.3 (7 mi)**

**Knott County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Right Fork Beaver Creek 30.3 to 33.4 (3.1 mi)**

**Knott County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Right Fork Beaver Creek 33.4 to 37.9 (4.5 mi)**

**Knott County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Right Fork of Little Paint Creek 0.4 to 2.1 (1.7 mi)**

**Floyd County**

*Into Little Paint Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source

**Right Fork of Panther Fork 0.0 to 1.05 (1.05 mi)**

**Martin County**

*Into Panther Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Right Fork of Whitecabin Branch 0.0 to 1.1 (1.1 mi)**

**Martin County**

*Into Whitecabin Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Righthand Fork 0.0 to 2.0 (2 mi)**

**Knott County**

*Into Bill D Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Rob Fork 0.0 to 1.0 (1 mi)**

**Pike County**

*Into Caney Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Rock Fork 0.0 to 7.0 (7 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Rockcastle Creek 0.0 to 3.7 (3.7 mi)**

**Lawrence County**

*Into Tug Fork*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Rural (Residential Areas)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Post-development Erosion and Sedimentation; Surface Mining

**Rockcastle Creek 3.7 to 13.25 (9.55 mi)**

**Martin County**

*Into Tug Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining; Unspecified Urban Stormwater

**Rockcastle Creek 13.25 to 15.3 (2.05 mi)**

**Martin County**

*Into Tug Fork*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Rockhouse Fork 0.0 to 6.4 (6.4 mi)**

**Martin County**

*Into Rockcastle Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

**Salisbury Branch 0.0 to 1.8 (1.8 mi)**

**Knott County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Salt Lick Creek 0.0 to 6.8 (6.8 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Shelby Creek 0.0 to 6.0 (6 mi)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli  
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Surface Mining

Pollutant: Specific Conductance  
Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids  
Suspected Sources: Surface Mining

**Shelby Creek 6.0 to 13.3 (7.3 mi)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: Channelization; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: Channelization; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation  
Suspected Sources: Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities;  
Surface Mining

**Simpson Branch 0.0 to 1.8 (1.8 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron  
Suspected Sources: Coal Mining

Pollutant: Nutrient/Eutrophication Biological Indicators  
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators  
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation  
Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance  
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids  
Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Sizemore Branch 0.0 to 2.0 (2 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Spewing Camp Branch 0.0 to 3.1 (3.1 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Spurlock Creek 0.0 to 0.6 (0.6 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Spurlock Creek 0.6 to 4.0 (3.4 mi)**

**Floyd County**

*Into Left Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Steele Creek 0.0 to 2.4 (2.4 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Stephens Branch 0.0 to 2.6 (2.6 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Straight Fork 0.0 to 1.1 (1.1 mi)**

**Martin County**

*Into Panther Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Stratton Branch 0.4 to 2.1 (1.7 mi)**

**Floyd County**

*Into Dewey Reservoir*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Sycamore Creek 0.0 to 3.8 (3.8 mi)**

**Pike County**

*Into Johns Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Toms Creek 0.0 to 8.0 (8 mi)**

**Johnson County**

*Into Levisa Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Tug Fork 71.9 to 77.7 (5.8 mi)**

**Pike County**

*Into Big Sandy River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Turkey Creek 0.0 to 5.9 (5.9 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredge Mining; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Upper Pidgeon Branch 0.0 to 2.1 (2.1 mi)**

**Pike County**

*Into Elkhorn Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**UT of Mudlick Branch 0.0 to 0.6 (0.6 mi)**

**Martin County**

*Into Mudlick Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Venters Branch 0.4 to 1.8 (1.4 mi)**

**Martin County**

*Into Middle Fork Rockcastle River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

**Wilson Creek 0.0 to 2.9 (2.9 mi)**

**Floyd County**

*Into Right Fork Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

**Wolf Creek 0.0 to 6.6 (6.6 mi)**

**Martin County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining; Unspecified Urban Stormwater

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Rivers

**Wolf Creek 6.6 to 17.6 (11 mi)**

**Martin County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

**Wolf Creek 17.6 to 20.5 (2.9 mi)**

**Martin County**

*Into Tug Fork of Big Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

**Wolfpen Branch 0.0 to 1.7 (1.7 mi)**

**Pike County**

*Into Grassy Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Silviculture Harvesting; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Big Sandy River Basin  
Freshwater Reservoirs

**E.2 Big Sandy River Basin Freshwater Reservoirs**

**Dewey Lake (1100 acres)**

**Floyd County**

*Into Johns Creek*

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Surface Mining; Upstream Source

**Fishtrap Reservoir (1143 acres)**

**Pike County**

*Into Levisa Fork of Big Sandy River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Upstream Source

**Paintsville Reservoir (1139 acres)**

**Johnson County**

*Into Paint Creek*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**E.3 Little Sandy River Basin Rivers**

**Allcorn Creek 0.7 to 3.2 (2.5 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

**Bandy Branch 0.0 to 1.4 (1.4 mi)**

**Elliott County**

*Into Middle Fork of Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

**Barrett Creek 0.0 to 7.2 (7.2 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance  
(Land Development or Redevelopment)

**Cane Creek 0.0 to 4.1 (4.1 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Dry Fork 1.2 to 4.5 (3.3 mi)**

**Lawrence County**

*Into Little Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting

**East Fork Little Sandy River 4.7 to 14.2 (9.5 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**East Fork Little Sandy River 16.9 to 24.9 (8 mi)**

**Boyd County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 17.0 to 24.9.

**East Fork Little Sandy River 24.9 to 26.4 (1.5 mi)**

**Boyd County**

*Into Little Sandy River*

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

**East Fork Little Sandy River 27.6 to 30.9 (3.3 mi)**

**Boyd County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat

**Ellingtons Bear Cr 0.0 to 1.5 (1.5 mi)**

**Boyd County**

*Into East Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

**Everman Cr 0.0 to 5.7 (5.7 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

**Garner Cr 0.0 to 1.8 (1.8 mi)**

**Boyd County**

*Into East Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**Hurricane Fork 0.0 to 2.2 (2.2 mi)**

**Boyd County**

*Into Keys Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);  
Loss of Riparian Habitat; Non-Point Source

**Left Fork Howard's Creek 0.0 to 1.2 (1.2 mi)**

**Elliott County**

*Into Beaver Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

This stream was misidentified as Left Fork Redwine Creek on the 2010 303(d) list.

**Lick Fork 0.0 to 5.2 (5.2 mi)**

**Elliott County**

*Into Newcombe Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture  
Grazing; Post-development Erosion and Sedimentation; Sand/Gravel/Rock  
Mining or Quarries; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas  
Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries;  
Unspecified Urban Stormwater

**Little Fork Little Sandy River 5.0 to 6.0 (1 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

**Little Fork Little Sandy River 6.0 to 12.1 (6.1 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**Little Fork Little Sandy River 12.1 to 23.8 (11.7 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat;  
Surface Mining

**Little Fork Little Sandy River 23.8 to 27.7 (3.9 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Managed Pasture Grazing; Non-irrigated Crop Production;  
Silviculture Harvesting

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 23.8 to 29.8.

**Little Fork Little Sandy River 27.7 to 30.5 (2.8 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

**Little Sandy River 0.15 to 0.3 (0.15 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

**Little Sandy River 12.1 to 20.1 (8 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Upstream Source

**Little Sandy River 72.7 to 75.5 (2.8 mi)**

**Elliott County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification – Other than Hydromodification

**Lower Stinson Creek 0.0 to 1.1 (1.1 mi)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**Middle Fork Little Sandy River 5.8 to 7.5 (1.7 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

**Near Fork Sandsuck Creek 1.1 to 2.0 (0.9 mi)**

**Greenup County**

*Into Sandsuck Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

**Newcombe Creek 1.1 to 7.3 (6.2 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.9.

**Oldtown Creek 0.0 to 1.9 (1.9 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oil and Grease

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Turbidity

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown

**Right Fork Newcombe Creek 0.0 to 4.2 (4.2 mi)**

**Elliott County**

*Into Newcombe Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**Rocky Branch 0.0 to 3.2 (3.2 mi)**

**Elliott County**

*Into Newcombe Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

**South Fork Ruin Creek 0.7 to 5.5 (4.8 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction)

**Straight Creek 0.0 to 3.8 (3.8 mi)**

**Carter County**

*Into Little Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Silviculture Harvesting

**Tunnel Branch 0.0 to 1.7 (1.7 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

**UT of Clay Fork 0.0 to 1.2 (1.2 mi)**

**Elliott County**

*Into Clay Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-Point Source; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Rivers

**UT to East Fork Little Sandy River 0.0 to 0.3 (0.3 mi)**

**Greenup County**

*Into East Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Pollutant: Total Dissolved Solids

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

**Wells Creek 0.0 to 3.5 (3.5 mi)**

**Elliott County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

**Whetstone Creek 1.2 to 3.3 (2.1 mi)**

**Greenup County**

*Into Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

**Williams Creek 0.0 to 2.9 (2.9 mi)**

**Boyd County**

*Into East Fork Little Sandy River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/Destabilization

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Little Sandy River Basin  
Freshwater Reservoirs

**E.4 Little Sandy River Basin Freshwater Reservoirs**

**Grayson Lake (1512 acres)**

**Carter County**

*Into Little Sandy River*

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Ohio River Basin  
Rivers

**E.5 Ohio River Basin Rivers**

**Newberry Branch 0.0 to 2.8 (2.8 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);  
Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated  
Crop Production

**Rockhouse Fork 0.0 to 2.1 (2.1 mi)**

**Greenup County**

*Into Daniels Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

**UT to Chinns Branch 0.0 to 1.1 (1.1 mi)**

**Greenup County**

*Into Chinns Branch*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and  
Sedimentation

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and  
Sedimentation

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Tygarts Creek Basin  
Rivers

**E.6 Tygarts Creek Basin Rivers**

**Backs Branch 0.0 to 0.9 (0.9 mi)**

**Greenup County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

**Jacobs Fork 0.0 to 2.05 (2.05 mi)**

**Carter County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Unrestricted Cattle Access

**Jacobs Fork 3.6 to 5.7 (2.1 mi)**

**Carter County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels);  
Managed Pasture Grazing

**Schultz Creek 4.7 to 7.5 (2.8 mi)**

**Greenup County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

**Smith Creek 2.0 to 4.3 (2.3 mi)**

**Carter County**

*Into Buffalo Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Temperature, water

Suspected Sources: Source Unknown

**Soldier Fork 0.0 to 5.5 (5.5 mi)**

**Carter County**

*Into Jacobs Fork*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Tygarts Creek Basin  
Rivers

**Trough Camp 1.5 to 6.1 (4.6 mi)**

**Carter County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Post-development Erosion and Sedimentation

**Tygarts Creek 0.2 to 25.0 (24.8 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

**Tygarts Creek 25.0 to 36.3 (11.3 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

**Tygarts Creek 36.3 to 45.5 (9.2 mi)**

**Greenup County**

*Into Ohio River*

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

**Tygarts Creek 83.2 to 88.6 (5.4 mi)**

**Carter County**

*Into Ohio River*

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit  
Tygarts Creek Basin  
Rivers

**White Oak Creek 0.0 to 1.1 (1.1 mi)**

**Greenup County**

*Into Tygarts Creek*

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Highways, Roads,  
Bridges, Infrastructure (New Construction)

Ohio River Mainstem  
Rivers

**Appendix F. Ohio River Mainstem 303(d) List: Narrative**

**F.1 Ohio River Mainstem**

**Ohio River 317.2 to 319.4 (2.2 miles)**

**Boyd County**

*Into Mississippi River*

NHD miles 317.6 to 319.7

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 319.4 to 340.8 (21.4 miles)**

**Boyd and Greenup Counties**

*Into Mississippi River*

NHD miles 319.7 to 341.05

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 340.8 to 356.6 (15.8 miles)**

**Greenup County**

*Into Mississippi River*

NHD miles 341.05 to 356.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Ohio River Mainstem  
Rivers

**Ohio River 356.6 to 377.7 (21.1 miles)**

**Greenup and Lewis Counties**

*Into Mississippi River*

NHD miles 356.8 to 377.65

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 377.7 to 382.9 (5.2 miles)**

**Lewis County**

*Into Mississippi River*

NHD miles 377.65 to 382.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 382.9 to 388.0 (5.1 miles)**

**Lewis County**

*Into Mississippi River*

NHD miles 382.85 to 388.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 388.0 to 436.5 (48.5 miles)**

**Lewis, Mason and Bracken Counties**

*Into Mississippi River*

NHD miles 388.0 to 436.2

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Ohio River Mainstem  
Rivers

**Ohio River 436.5 to 464.5 (28 miles)**

**Bracken, Pendleton and Campbell Counties**

*Into Mississippi River*

NHD miles 436.2 to 464.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 464.5 to 465.2 (0.7 miles)**

**Campbell County**

*Into Mississippi River*

NHD miles 464.1 to 464.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 465.2 to 469.3 (4.1 miles)**

**Campbell County**

*Into Mississippi River*

NHD miles 464.8 to 468.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 469.3 to 471.4 (2.1 miles)**

**Campbell and Kenton Counties**

*Into Mississippi River*

NHD miles 468.85 to 471.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 471.4 to 475.1 (3.7 miles)**

**Kenton County**

*Into Mississippi River*

NHD miles 471.0 to 474.65

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 475.1 to 477.6 (2.5 miles)**

**Kenton and Boone Counties**

*Into Mississippi River*

NHD miles 474.65 to 477.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 477.6 to 488.0 (10.4 miles)**

**Boone County**

*Into Mississippi River*

NHD miles 477.1 to 487.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 488.0 to 593.1 (105.1 miles)**

*Into Mississippi River*

NHD miles 487.4 to 591.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Boone, Gallatin, Carroll, Trimble,  
Oldham and Jefferson Counties**

The 2010 Integrated Report listing for Ohio River from river mile 488.0 to 603.3 has been split into three segments, 488.0 to 593.1, 593.1 to 595.5, and 595.5 to 603.3.

**Ohio River 593.1 to 595.5 (2.4 miles)**

*Into Mississippi River*

NHD miles 591.8 to 594.25

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

**Jefferson County**

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 488.0 to 603.3 has been split into three segments, 488.0 to 593.1, 593.1 to 595.5, and 595.5 to 603.3.

**Ohio River 595.5 to 603.3 (7.8 miles)**

*Into Mississippi River*

NHD miles 594.25 to 602.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Jefferson County**

The 2010 Integrated Report listing for Ohio River from river mile 488.0 to 603.3 has been split into three segments, 488.0 to 593.1, 593.1 to 595.5, and 595.5 to 603.3.

Ohio River Mainstem  
Rivers

**Ohio River 603.3 to 608.1 (4.8 miles)**

**Jefferson County**

*Into Mississippi River*

NHD miles 602.1 to 606.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 608.1 to 609.2 (1.1 miles)**

**Jefferson County**

*Into Mississippi River*

NHD miles 606.6 to 607.65

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 609.2 to 614.9 (5.7 miles)**

**Jefferson County**

*Into Mississippi River*

NHD miles 607.65 to 613.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 614.9 to 683.0 (68.1 miles)**

**Jefferson, Hardin and Meade Counties**

*Into Mississippi River*

NHD miles 613.3 to 680.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 683.0 to 719.5 (36.5 miles)**

**Meade, Breckinridge and Hancock  
Counties**

*Into Mississippi River*

NHD miles 680.9 to 716.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 719.5 to 735.7 (18.2 miles)**

**Hancock County**

*Into Mississippi River*

NHD miles 716.8 to 732.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 735.7 to 756.4 (20.7 miles)**

**Hancock and Daviess Counties**

*Into Mississippi River*

NHD miles 732.8 to 753.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 756.4 to 760.6 (4.2 miles)**

**Daviess County**

*Into Mississippi River*

NHD miles 753.1 to 757.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 760.6 to 776.1 (15.5 miles)**

**Daviess and Henderson Counties**

*Into Mississippi River*

NHD miles 757.0 to 772.35

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 760.6 to 789.3 has been split into two segments, 760.6 to 776.1 and 776.1 to 789.3.

Ohio River Mainstem  
Rivers

**Ohio River 776.1 to 789.3 (13.2 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 772.35 to 785.55

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 760.6 to 789.3 has been split into two segments, 760.6 to 776.1 and 776.1 to 789.3.

**Ohio River 789.3 to 792.1 (2.8 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 785.55 to 788.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 792.1 to 793.2 (1.1 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 788.4 to 789.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 793.2 to 795.7 (2.5 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 789.3 to 791.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 793.2 to 798.4 has been shortened to 793.2 to 795.7.

**Ohio River 795.7 to 799.8 (4.1 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 791.8 to 795.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 798.4 to 799.8 has been extended to 795.7 to 799.8.

Ohio River Mainstem  
Rivers

**Ohio River 799.8 to 802.9 (3.1 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 795.85 to 798.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 802.9 to 820.1 (17.2 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 798.9 to 816.25

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 820.1 to 826.4 (6.3 miles)**

**Henderson County**

*Into Mississippi River*

NHD miles 816.25 to 822.5

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 826.4 to 846.3 (19.9 miles)**

**Henderson and Union Counties**

*Into Mississippi River*

NHD miles 822.5 to 842.15

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 826.4 to 847.3 has been split and extended into two segments, 826.4 to 846.3 and 846.3 to 849.7.

Ohio River Mainstem  
Rivers

**Ohio River 846.3 to 849.7 (3.4 miles)**

**Union County**

*Into Mississippi River*

NHD miles 842.15 to 845.65

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 826.4 to 847.3 has been split and extended into two segments, 826.4 to 846.3 and 846.3 to 849.7.

**Ohio River 849.7 to 853.4 (3.7 miles)**

**Union County**

*Into Mississippi River*

NHD miles 845.65 to 849.35

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 853.4 to 857.6 (4.2 miles)**

**Union County**

*Into Mississippi River*

NHD miles 849.35 to 853.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 857.6 to 862.1 (4.5 miles)**

**Union County**

*Into Mississippi River*

NHD miles 853.3 to 857.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 862.1 to 872.8 (10.7 miles)**

**Union County**

*Into Mississippi River*

NHD miles 857.8 to 868.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 872.8 to 878.2 (5.4 miles)**

**Union and Crittenden Counties**

*Into Mississippi River*

NHD miles 873.25 to 877.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 878.2 to 882.9 (4.7 miles)**

**Crittenden County**

*Into Mississippi River*

NHD miles 873.25 to 877.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 882.9 to 894.6 (11.7 miles)**

**Crittenden and Livingston Counties**

*Into Mississippi River*

NHD miles 877.9 to 889.45

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 894.6 to 910.3 (15.7 miles)**

**Livingston County**

*Into Mississippi River*

NHD miles 889.45 to 904.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

**Ohio River 910.3 to 920.5 (10.2 miles)**

**Livingston County**

*Into Mississippi River*

NHD miles 904.85 to 914.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Ohio River 920.5 to 925.8 (5.3 miles)**

**Livingston County**

*Into Mississippi River*

NHD miles 914.9 to 919.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem  
Rivers

**Ohio River 925.8 to 981.0 (55.2 miles)**

*Into Mississippi River*

NHD miles 919.85 to 974.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin

Suspected Sources: Source Unknown

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

**Livingston, McCracken, Ballard and  
Carlisle Counties**