Final 2010 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 October 2011

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Volume II. 303(d) List of Surface Waters

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Summary of the 2010 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 biannually. 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 2010 Integrated Report (IR) replaces the 2008 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, lakes, 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. If a segment is impaired, but a TMDL is not required, the segment is not in Category 5. 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 an appendix of approved TMDLs, regardless of whether or not the segment is still impaired by the TMDL pollutant. This volume also contains an appendix of approved delistings for 2010. 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 2010 303(d) list contains new listings of impaired waters from assessments made in 2007 through 2008. Additionally, long-term water quality stations had five years of data considered, beginning with 2003 for the Big Sandy/Little Sandy/Tygarts BMU and 2004 for the Kentucky River BMU. The number of impaired waters (2422) reported in this volume has increased notably over the number reported in the 2008 IR. However, this increase in 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 from the 2008 303(d) list are indicated in this report.

There are over 600 pollutant/waterbody combinations for which a TMDL is currently under development. While the DOW is responsible for submitting TMDLs to EPA, many are being developed by other agencies, including the EPA, universities, consultants, and municipalities.

As of May 2010, DOW has submitted and EPA has approved TMDLs for 175 pollutant/waterbody combinations. EPA has also approved delisting requests for 289 pollutant/waterbody combinations. Delisting approval is granted when DOW 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.

Accompanying the 303(d) list is the assessment methodology from Section 3.2 of Volume I of the IR. This section describes the assessment process for the various designated uses. Further discussion also is provided of the categories into which assessed waters are placed and the difference between pollutants and pollution.

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).

Chapter 4. Status of TMDLs under Development Prior to 2010

4.1 Kentucky Basin Unit

4.1.1 Kentucky River Basin

4.1.1.1 Benson Creek Watershed

| | | River | |
|---|------------|-------------|-----------------------------|
| Stream Name | County | Miles | Pollutant |
| Benson Cr. into Kentucky R. | Franklin | 0.0 to 4.6 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| Benson Cr. into Kentucky R. | Franklin | 4.6 to 6.7 | Biological Indicators |
| Benson Cr. into Kentucky R. | Franklin | 4.6 to 6.7 | Sedimentation/Siltation |
| Bancon Cu into Ventualiu B | Enomistica | | Nutrient/Eutrophication |
| Benson Cr. into Kentucky R. | | | Biological Indicators |
| Benson Cr. into Kentucky R. | Franklin | 6.7 to 13.4 | Sedimentation/Siltation |
| Goose Cr. into Benson Cr. | Shelby | 0.0 to 1.8 | Sedimentation/Siltation |
| Goose Cr. into Benson Cr. | Shelby | 1.85 to 4.2 | Cause Unknown |
| | | | Nutrient/Eutrophication |
| N. Benson Cr. into Benson Cr. | Franklin | 0.8 to 2.0 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| N. Benson Cr. into Benson Cr. | Franklin | 0.8 to 2.0 | Biological Indicators |
| N. Benson Cr. into Benson Cr. | Franklin | 0.8 to 2.0 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| N. Fk. N. Benson Creek into N. Benson Cr. | Franklin | 0.0 to 2.2 | Biological Indicators |
| N. Fk. N. Benson Creek into N. Benson Cr. | 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 is collecting additional sediment data and conducting a geomorphic assessment in Goose Creek. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available.

4.1.1.2 Boone Creek Watershed

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

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

4.1.1.3 Cane Run into North Elkhorn Creek

| | | River | |
|--|---------|-------------|---|
| Stream Name | County | | Pollutant |
| Cane Run into North Elkhorn Cr. | Scott | 0.0 to 3.0 | Fecal Coliform |
| Cane Run into North Elkhorn Cr. | Scott | | 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 | Sedimentation/Siltation |
| 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 | | 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 Cane Run to Cane Run at mile point 6.13 | Fayette | 0.0 to 3.5 | Fecal Coliform |
| UT Cane Run to Cane Run at mile point 6.13 | Fayette | 0.0 to 3.5 | Nitrogen (Total) |
| UT Cane Run to Cane Run at mile point 6.13 | Fayette | 0.0 to 3.5 | Phosphorus (Total) |
| UT Cane Run of Cane Run at mile point 10.8 | Fayette | 0.0 to 2.4 | Nitrogen (Total) |
| UT Cane Run of Cane Run at mile point 10.8 | Fayette | 0.0 to 2.4 | Phosphorus (Total) |
| UT Cane Run of Cane Run at mile point 12.9 | Fayette | 0.0 to 2.1 | Phosphorus (Total) |

The Kentucky Water Resources Research Institute (KWRRI) is developing the pathogen TMDLs for Cane Run. Completion of these TMDLs has been delayed due to the extensive karst influences in the watershed that have necessitated more advanced modeling efforts and subsequent data collection. A draft pathogen TMDL is anticipated for submittal in 2011. KDOW completed specific conductivity, nutrient and organic enrichment data collection during 2007 and KWRRI has been awarded a 319(h) project grant to develop these TMDLs. 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 develop the sediment TMDLs.

4.1.1.4 Carr Creek Watershed

| | | River | |
|--|--------|--------------|----------------------------------|
| Stream Name | County | 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 | Escherichia coli |
| 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 | Escherichia coli |
| 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 |
| Carr Fork into N. Fk. Kentucky R. | Knott | 15.6 to 26.4 | Fecal Coliform, Escherichia coli |
| 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 | Escherichia coli |
| 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 | Escherichia coli |
| 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 | Escherichia coli |
| 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 | Escherichia coli |
| 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, Escherichia coli |
| Trace Fork into Carr Fk. Reservoir | Knott | 1.25 to 3.4 | Specific Conductance |

| | | River | |
|------------------------------------|--------|-------------|------------------------|
| Stream Name | County | Miles | Pollutant |
| Trace Fork into Carr Fk. Reservoir | Knott | 1.25 to 3.4 | Total Dissolved Solids |
| UT Trace Fork at RM 1.25 | Knott | 0.05 to 0.7 | Escherichia coli |

KDOW and the U.S. Corps of Engineers completed monitoring on these segments in 2008.

4.1.1.5 Dix River Watershed

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|------------|---------------|--|
| | | | |
| Balls Branch into Clarks Run | Boyle | 0.0 to 4.9 | Escherichia coli |
| Baughman Cr. into Hanging Fork | | | |
| Cr. | Lincoln | 0.0 to 4.6 | Escherichia coli |
| Blue Lick Cr. into Hanging Fork | | | |
| Cr. | Lincoln | 0.0 to 4.1 | Escherichia coli |
| | | | |
| 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 | Escherichia coli |
| | | | Nutrient/Eutrophication |
| Clarks Run into Dix River | Boyle | 0.7 to 4.4 | Biological Indicators |
| | | | Organic Enrichment (Sewage) Biological |
| Clarks Run into Dix River | Boyle | 0.7 to 4.4 | Indicators |
| Charles From Mile Bin Hi voi | Bojie | 0.7 to | Indicators |
| Clarks Run into Dix River | Boyle | 0.7 to 4.4 | Sedimentation/Siltation |
| | | | |
| Clarks Run into Dix River | Boyle | 4.4 to 6.7 | Escherichia coli |
| | | | |
| Clarks Run into Dix River | Boyle | 6.7 to 14.3 | Escherichia coli |
| | | | |
| 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 |
| Copper Creek into Dix River | Lincoln | 0.0 to 2.2 | Escherichia coli |
| Dix River into Kentucky River | Garrard | 33.3 to 36.15 | Escherichia coli |
| Dix River into Kentucky River | Lincoln | 36.1 to 43.8 | Escherichia coli |
| Dix River into Kentucky River | Lincoln | 64.3 to 73.35 | Escherichia coli |
| | | | |
| Dix River into Kentucky River | Rockcastle | 73.35 to 78.7 | Escherichia coli |

| Stream Name | County | River Miles | Pollutant |
|------------------------------------|---------|----------------|--|
| Drakes Creek into Dix River | Lincoln | 1.15 to 7.3 | Escherichia coli |
| Frog Branch into Hanging Fork Cr. | Lincoln | 0.0 to 3.4 | Escherichia coli |
| Gilberts Creek into Dix River | Lincoln | 0.0 to 1.25 | Escherichia coli |
| Hanging Fork into Dix River | Lincoln | 0.0 to 15.85 | Escherichia coli, Fecal Coliform |
| Hanging Fork into Dix River | Lincoln | 15.85 to 24.15 | Escherichia coli |
| Hanging Fork into Dix River | Lincoln | 24.15 to 27.6 | Escherichia coli |
| Hanging Fork into Dix River | Lincoln | 27.6 to 32.2 | Escherichia coli |
| Harris Creek into Knob Lick Cr. | Lincoln | 0.0 to 6.25 | Escherichia coli |
| Herrington Lake | Garrard | 2940 acres | Nutrient/Eutrophication Biological Indicators |
| Herrington Lake | Garrard | 2940 acres | Oxygen, Dissolved |
| Knoblick Cr. into Hanging Fork Cr. | Lincoln | 0.0 to 4.8 | Escherichia coli |
| Logan Creek into Dix River | Lincoln | 0.0 to 3.15 | Escherichia coli |
| McKinney Br. into Hanging Fork Cr. | Lincoln | 0.0 to 1.9 | Escherichia coli |
| Peyton Creek into Hanging Fork Cr. | Lincoln | 0.0 to 4.1 | Escherichia coli |
| White Oak Creek into Dix River | Garrard | 0.0 to 2.8 | Escherichia coli |
| White Oak Cr. into Knoblick Cr. | Lincoln | 0.0 to 3.4 | Escherichia coli |

The TMDL document titled "Draft report on pathogen impairments in 25 stream segments in Dix River Watershed" completed public notice on June 15, 2010. KDOW is finalzing the document for EPA approval. EPA Region IV is developing a nutrient model for Herrington Lake and KDOW will produce the TMDL document.

4.1.1.6 Eagle Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|------------------------------|--------|--------------|------------------------------------|
| | | | Nutrient/Eutrophication Biological |
| Caney Creek into Eagle Creek | Owen | 0.0 to 1.5 | Indicators |
| | | | Organic Enrichment (Sewage) |
| Caney Creek into Eagle Creek | Owen | 0.0 to 1.5 | Biological Indicators |
| Caney Creek into Eagle Creek | Owen | 0.0 to 1.5 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication Biological |
| Eagle Creek into Kentucky R. | Grant | 31.6 to 36.5 | Indicators |
| Eagle Creek into Kentucky R. | Grant | 31.6 to 36.5 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication Biological |
| Eagle Creek into Kentucky R. | Owen | 50.8 to 58.5 | Indicators |

| Stream Name | County | River Miles | Pollutant |
|-------------------------------|--------|--------------|------------------------------------|
| 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 |
| | | | Nutrient/Eutrophication Biological |
| Stevens Creek into Eagle Cr. | Owen | 14.4 to 17.1 | 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 | Escherichia coli |
| 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. The pathogen TMDL document will be submitted for public notice in late 2010. KDOW completed nutrient and TSS data collection during 2007. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

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 pathogen monitoring in 2006 and will begin developing the pathogen TMDLs which will be submitted for public notice in 2011.

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 |
| | | | Nutrient/Eutrophication |
| East Hickman Cr. into Hickman Cr. | Fayette | 4.2 to 10.2 | Biological Indicators |
| UT to East Hickman Cr. into East | | | |
| Hickman Cr. | Fayette | 0.8 to 2.2 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Hickman Creek into Kentucky R. | Jessamine | 0.0 to 6.0 | Biological Indicators |
| | | | Nutrient/Eutrophication |
| Hickman Creek into Kentucky R. | Jessamine | 6.0 to 25.5 | Biological Indicators |
| Hickman Creek into Kentucky R. | Jessamine | 6.0 to 25.5 | Sedimentation/Siltation |
| West Hickman Cr. into Hickman | | | Organic Enrichment (Sewage) |
| Cr. | Jessamine | 0.0 to 3.0 | Biological Indicators |
| West Hickman Cr. into Hickman | | | Nutrient/Eutrophication |
| Cr. | Jessamine | 0.0 to 3.0 | Biological Indicators |

| Stream Name | County | River Miles | Pollutant |
|-------------------------------|-----------|-------------|-----------------------------|
| West Hickman Cr. into Hickman | | | |
| Cr. | Jessamine | 0.0 to 3.0 | Fecal Coliform |
| West Hickman Cr. into Hickman | | | Organic Enrichment (Sewage) |
| Cr. | Jessamine | 3.1 to 8.4 | Biological Indicators |
| West Hickman Cr. into Hickman | | | Nutrient/Eutrophication |
| Cr. | Jessamine | 3.1 to 8.4 | 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.

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 |
| | | | Nutrient/Eutrophication |
| Lower Howard Cr. into KY River | Clark | 2.65 to 6.2 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Lower Howard Cr. into KY River | Clark | 2.65 to 6.2 | Biological Indicators |

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

4.1.1.10 McConnell Run

| Stream Name | County | River Miles | Pollutant |
|---------------------------------------|--------|-------------|-------------------------|
| | | | Nutrient/Eutrophication |
| McConnell Run into N. Fk. Elkhorn Cr. | Scott | 0.0 to 4.4 | 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 the nutrient TMDL when nutrient targets are available.

4.1.1.11 North Elkhorn Creek

| Stream Name | County | River Miles | Pollutant |
|--------------------------------------|---------|---------------|------------------|
| David Fork into North Elkhorn Cr. | Fayette | 0.0 to 1.65 | Escherichia coli |
| North Elkhorn Cr. into Elkhorn Creek | Fayette | 66.0 to 73.75 | Fecal Coliform |
| UT of North Elkhorn Cr. at RM 71.1 | Fayette | 0.0 to 3.5 | Escherichia coli |

KDOW collected Escherichia coli 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 2010.

4.1.1.12 Potter Fork

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

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

4.1.1.13 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. Data collection is expected to be completed during 2010.

4.1.1.14 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 |
| | | | Nutrient/Eutrophication |
| South Elkhorn Cr. into Elkhorn Cr. | Woodford | 16.6 to 34.5 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| South Elkhorn Cr. into Elkhorn Cr. | Woodford | 16.6 to 34.5 | Biological Indicators |
| South Elkhorn Cr. into Elkhorn Cr. | Woodford | 34.5 to 52.7 | Fecal Coliform |
| Town Br. into South Elkhorn Cr. | Fayette | 0.0 to 9.2 | Fecal Coliform |

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|---------|--------------|-----------------------------|
| | | | Nutrient/Eutrophication |
| Town Br. into South Elkhorn Cr. | Fayette | 0.0 to 9.2 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Town Br. into South Elkhorn Cr. | Fayette | 0.0 to 9.2 | Biological Indicators |
| Town Br. into South Elkhorn Cr. | Fayette | 9.2 to 10.8 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Town Br. into South Elkhorn Cr. | Fayette | 9.2 to 10.8 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Town Br. into South Elkhorn Cr. | Fayette | 9.2 to 10.8 | Biological Indicators |
| Wolf Run into Town Br. | Fayette | 0.0 to 4.1 | Fecal Coliform |
| Town Br. into South Elkhorn Cr. | Fayette | 10.8 to 12.1 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Town Br. into South Elkhorn Cr. | Fayette | 10.8 to 12.1 | Biological Indicators |
| Wolf Run into Town Br. | Fayette | 0.0 to 4.4 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Wolf Run into Town Br. | Fayette | 0.0 to 4.4 | Biological Indicators |

The KWRRI is developing these TMDLs. Since the awarding of the contract, Wolf Run was listed for nutrients. Draft pathogen and nutrient TMDLs have been submitted to KDOW. Revisions will be made to the documents and Wolf Run will be included in the nutrient TMDL prior to public notice. The public notice for the pathogen TMDL document is anticipated during 2011.

4.1.1.15 Sugar Creek

| 7 | River Miles | Pollutant |
|---|-------------|------------------------|
| 1 | 4.0.4.6.0 | Total Dissolved Solids |
| | arrard | arrard 4.8 to 6.0 |

KDOW completed monitoring in 2008. Kentucky experienced a moderate-severe drought in 2008; therefore, additional monitoring may be warranted.

4.1.1.16 Swift Camp Creek

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|--------|-------------|-------------------------|
| Swift Camp Creek into Red River | Wolfe | 0.0 to 13.8 | Cause Unknown |
| UT to Swift Camp Cr. at RM 11.7 | 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.

4.1.1.17 Tate Creek

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

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

4.1.1.18 White Oak Creek

| Stream Name | County | River Miles | Pollutant |
|-----------------------------|---------|--------------------|------------------------------------|
| | | | Nutrient/Eutrophication Biological |
| White Oak Creek into Dix R. | Garrard | 0.0 to 2.8 | 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.

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 3.5 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Banklick Creek into Licking R. | Kenton | 0.0 to 3.5 | Biological Indicators |
| Banklick Creek into Licking R. | Kenton | 0.0 to 3.5 | Organic Enrichment (Sewage) Biological Indicators |
| Banklick Creek into Licking R. | Kenton | 0.0 to 3.5 | Sedimentation/Siltation |
| Banklick Creek into Licking R. | Kenton | 3.5 to 8.2 | Fecal Coliform |

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|--------|-------------|---|
| | | | Nutrient/Eutrophication |
| Banklick Creek into Licking R. | Kenton | 3.5 to 8.2 | 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 |
| | | | Nutrient/Eutrophication |
| Banklick Creek into Licking R. | Kenton | 8.2 to 19.2 | 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.

4.2.1.2 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.

4.2.1.3 Fleming Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|---------|--------------|--|
| | | | Nutrient/Eutrophication |
| Allison Cr. into Fleming Cr. | Fleming | 0.0 to 4.9 | Biological Indicators |
| Allison Cr. into Fleming Cr. | Fleming | 0.0 to 4.9 | Organic Enrichment (Sewage) Biological Indicators |
| Allison Cr. into Fleming Cr. | Fleming | 0.0 to 4.9 | Phosphorus (Total) |
| 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 |

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|---------|--------------|-----------------------------|
| | | | Nutrient/Eutrophication |
| Fleming Cr. into Licking River | Fleming | 20.8 to 39.4 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Fleming Cr. into Licking River | Fleming | 20.8 to 39.4 | Biological Indicators |
| Fleming Cr. into Licking River | Fleming | 20.8 to 39.4 | Phosphorus (Total) |
| | | | Nutrient/Eutrophication |
| Logan Run into Fleming Cr. | Fleming | 0.0 to 2.3 | 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.

4.2.1.4 Hinkston Creek

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

KDOW completed monitoring in 2006. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

4.2.1.5 Houston Creek

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|---------|-------------|-------------------------|
| Houston Creek into Stoner Creek | Bourbon | 0.0 to 9.0 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Houston Creek into Stoner Creek | Bourbon | 9.0 to 12.7 | Biological Indicators |

KDOW completed monitoring in 2006. KDOW will pursue development of the nutrient TMDL when nutrient targets are available. KDOW is drafting the pathogen TMDLs as part of the Stoner Creek pathogen TMDL document scheduled for public notice in 2011.

4.2.1.6 Little Stoner Creek

| Stream Name | County | River Miles | Pollutant |
|---------------------------------------|--------|-------------|----------------|
| Little Stoner Creek into Stoner Creek | Clark | 0.0 to 5.0 | Fecal Coliform |

KDOW monitored this stream during the PCR season for 2005. Due to the drought conditions, additional monitoring was performed during 2006. KDOW is drafting these pathogen TMDLs as part of the Stoner Creek pathogen TMDL document scheduled for public notice in 2011.

4.2.1.7 Stoner Creek

| Stream Name | County | River Miles | Pollutant |
|--|---------|-------------|-----------|
| | | | Fecal |
| Stoner Creek into South Fork Licking River | Bourbon | 0.0 to 5.5 | Coliform |
| | | | Fecal |
| Stoner Creek into South Fork Licking River | Bourbon | 5.5 to 15.0 | Coliform |

KDOW completed pathogen monitoring in 2009 and will complete supplementary monitoring in 2010. KDOW is developing the pathogen TMDLs and a draft is anticipated for public notice in 2011. This project was delayed one year in order to incorporate the supplemental data.

4.2.1.8 Strodes Creek

| Stream Name | County | River Miles | Pollutant | |
|----------------------------------|---------|-------------|-----------------------------|--|
| 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 | |
| | | | Nutrient/Eutrophication | |
| Hancock Creek into Strodes Creek | Clark | 4.3 to 7.6 | Biological Indicators | |
| Hancock Creek into Strodes Creek | Clark | 4.3 to 7.6 | рН | |
| 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 | |
| | | | Nutrient/Eutrophication | |
| Hoods Creek into Strodes Creek | Clark | 0.0 to 6.3 | Biological Indicators | |
| Hoods Creek into Strodes Creek | Clark | 0.0 to 6.3 | Specific Conductance | |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Fecal Coliform | |
| | | | Nutrient/Eutrophication | |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Biological Indicators | |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Specific Conductance | |
| Pretty Run into Strodes Creek | Clark | 0.0 to 8.0 | Cause Unknown | |
| | | | Fecal Coliform; Escherichia | |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | coli | |
| | | | Nutrient/Eutrophication | |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | Biological Indicators | |
| | | | Organic Enrichment (Sewage) | |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | 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 | |
| | | | Nutrient/Eutrophication | |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Biological Indicators | |
| | | | Organic Enrichment (Sewage) | |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | 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 | |

| Stream Name | County | River Miles | Pollutant |
|-----------------------------------|--------|--------------|-----------------------------|
| | | | Fecal Coliform; Escherichia |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | coli |
| | | | Nutrient/Eutrophication |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | Biological Indicators |
| UT to Hancock Cr. at RM 4.3 | Clark | 0.0 to 3.72 | Fecal Coliform |
| UT to Hancock Cr. at RM 4.3 | Clark | 0.0 to 3.72 | Specific Conductance |
| | | | Fecal Coliform; Escherichia |
| UT to Strodes Creek at RM 22.2 | Clark | 0.0 to 3.8 | coli |
| | | | Nutrient/Eutrophication |
| UT to Strodes Creek at RM 22.2 | Clark | 0.0 to 3.8 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| UT to Strodes Creek at RM 22.2 | Clark | 0.0 to 3.8 | Biological Indicators |
| UT to Strodes Creek at RM 22.2 | Clark | 0.0 to 3.8 | Specific Conductance |
| Woodruff Creek into Strodes Creek | Clark | 0.0 to 3.7 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Woodruff Creek into Strodes Creek | Clark | 0.0 to 3.7 | Biological Indicators |
| Woodruff Creek into Strodes Creek | Clark | 0.0 to 3.7 | Specific Conductance |

KDOW completed monitoring in 2005. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW is drafting the pathogen TMDLs as part of the Stoner Creek pathogen TMDL document scheduled for public notice in 2011.

4.2.1.9 Threemile Creek

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

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

4.2.1.10 Townsend Creek

| Stream Name | County | River Miles | Pollutant |
|---------------------------------------|----------|-------------|----------------|
| Townsend Creek into S. Fk. Licking R. | Harrison | 0.0 to 4.9 | Fecal Coliform |

KDOW, along with the Nature Conservancy, collected pathogen data during the 2006 primary contact recreation season. KDOW is currently developing the pathogen TMDLs which will be submitted for public notice in 2010.

4.2.2 Ohio River Basin

4.2.2.1 Goose Creek Watershed

| | | River | |
|-------------------------|-----------|------------|-----------------------------|
| Stream Name | County | Miles | Pollutant |
| Goose Creek into Ohio | | | |
| River | Jefferson | 0.3 to 3.6 | Fecal Coliform |
| Goose Creek into Ohio | | | Nutrient/Eutrophication |
| River | Jefferson | 0.3 to 3.6 | Biological Indicators |
| Goose Creek into Ohio | | | Organic Enrichment (Sewage) |
| River | Jefferson | 0.3 to 3.6 | Biological Indicators |
| Goose Creek into Ohio | | 3.6 to | |
| River | Jefferson | 13.0 | Fecal Coliform |
| Goose Creek into Ohio | | 3.6 to | Nutrient/Eutrophication |
| River | Jefferson | 13.0 | Biological Indicators |
| Goose Creek into Ohio | | 3.6 to | Organic Enrichment (Sewage) |
| River | Jefferson | 13.0 | 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 the nutrient TMDL when nutrient targets are available.

4.2.2.2 Gunpowder Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|--------|--------------|-------------------------|
| Gunpowder Creek into Ohio River | Boone | 15.4 to 17.1 | Sedimentation/Siltation |
| | 200110 | 101110 | Nutrient/Eutrophication |
| Gunpowder Creek into Ohio River | Boone | 15.4 to 17.1 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Gunpowder Creek into Ohio River | Boone | 15.4 to 17.1 | Indicators |
| Gunpowder Creek into Ohio River | Boone | 18.9 to 21.6 | Cause Unknown |

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|--------|-------------|-------------------------|
| South Fork Gunpowder Creek into | | | Nutrient/Eutrophication |
| Gunpowder Creek | Boone | 0.0 to 2.0 | Biological Indicators |
| | | | Organic Enrichment |
| South Fork Gunpowder Creek into | | | (Sewage) Biological |
| Gunpowder Creek | Boone | 0.0 to 2.0 | 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 pathogen monitoring in 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

4.2.2.3 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.

4.2.2.4 Pond Creek Watershed

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

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

4.2.2.5 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.

4.2.2.6 Woolper Creek Watershed

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

4.2.3 Salt River Basin

4.2.3.1 Beargrass Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---|-----------|-------------|-------------------------|
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Beargrass Creek into Ohio River | Jefferson | 0.5 to 1.8 | Indicators |
| Middle Fk. Beargrass Cr. into Beargrass Cr. | Jefferson | 0.0 to 2.0 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Middle Fk. Beargrass Cr. into Beargrass Cr. | Jefferson | 0.0 to 2.0 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Middle Fk. Beargrass Cr. into Beargrass Cr. | Jefferson | 0.0 to 2.0 | Indicators |
| Middle Fk. Beargrass Cr. into Beargrass Cr. | Jefferson | 2.0 to 2.9 | Fecal Coliform |
| Middle Fk. Beargrass Cr. into Beargrass Cr. | Jefferson | 2.9 to 15.3 | Fecal Coliform |
| Muddy Fork into Beargrass Creek | Jefferson | 0.0 to 6.9 | Fecal Coliform |
| South Fork Beargrass Creek into Beargrass | | | |
| Cr. | Jefferson | 0.0 to 2.7 | Fecal Coliform |
| South Fork Beargrass Creek into Beargrass | | | Nutrient/Eutrophication |
| Cr. | Jefferson | 0.0 to 2.7 | Biological Indicators |

| Stream Name | County | River Miles | Pollutant |
|---|-----------|--------------------|-------------------------|
| | | | Organic Enrichment |
| South Fork Beargrass Creek into Beargrass | | | (Sewage) Biological |
| Cr. | Jefferson | 0.0 to 2.7 | Indicators |
| South Fork Beargrass Creek into Beargrass | | | |
| Cr. | Jefferson | 2.7 to 13.6 | Fecal Coliform |
| South Fork Beargrass Creek into Beargrass | | | Nutrient/Eutrophication |
| Cr. | Jefferson | 2.7 to 13.6 | Biological Indicators |
| | | | Organic Enrichment |
| South Fork Beargrass Creek into Beargrass | | | (Sewage) Biological |
| Cr. | Jefferson | 2.7 to 13.6 | Indicators |

The Metropolitan Sewer District (MSD) along with the KWRRI are developing these TMDLs. Public notice has been held and the documents are being revised based upon comments received. Once revisions are made, the documents will be submitted for a second public notice. The TMDLs are anticipated for late 2010.

4.2.3.2 Brooks Run Watershed

| Stream Name | County | River Miles | Pollutant |
|-----------------------------|---------|-------------|-----------------------------|
| | | | Nutrient/Eutrophication |
| Brooks Run into Floyds Fork | Bullitt | 0.0 to 2.5 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Brooks Run into Floyds Fork | Bullitt | 0.0 to 2.5 | Biological Indicators |
| Brooks Run into Floyds Fork | Bullitt | 2.5 to 4.1 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Brooks Run into Floyds Fork | Bullitt | 2.5 to 4.1 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Brooks Run into Floyds Fork | Bullitt | 2.5 to 4.1 | Biological Indicators |
| Brooks Run into Floyds Fork | Bullitt | 4.1 to 6.1 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Brooks Run into Floyds Fork | Bullitt | 4.1 to 6.1 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Brooks Run into Floyds Fork | Bullitt | 4.1 to 6.1 | Biological Indicators |
| UT to Brooks Run at RM 4.1 | Bullitt | 0.0 to 2.0 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| UT to Brooks Run at RM 4.1 | Bullitt | 0.0 to 2.0 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| UT to Brooks Run at RM 4.1 | Bullitt | 0.0 to 2.0 | Biological Indicators |

KDOW completed monitoring for these streams in 1999. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

4.2.3.3 Clear Creek Watershed

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

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

4.2.3.4 Cox Creek

| Stream Name | County | River Miles | Pollutant |
|---------------------------|---------|--------------|-------------------------|
| Cox Creek into Salt River | Bullitt | 0.0 to 4.7 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Cox Creek into Salt River | Nelson | 11.2 to 15.5 | Biological Indicators |

KDOW completed monitoring in 2009. KDOW will pursue development of the nutrient TMDL when nutrient targets are available. A pathogen TMDL will be developed in 2012.

4.2.3.5 Floyds Fork Watershed

| | | River | |
|-----------------------------------|-----------|-------------|--|
| Stream Name | County | Miles | Pollutant |
| Chenoweth Run into Floyds Fork | Jefferson | 0.0 to 5.2 | Fecal Coliform |
| Chenoweth Run into Floyds Fork | Jefferson | 5.2 to 9.2 | Fecal Coliform |
| Currys Fork into Floyds Fork | Oldham | 0.0 to 4.8 | Fecal Coliform |
| Currys Fork into Floyds Fork | Oldham | 0.0 to 4.8 | Nutrient/Eutrophication Biological Indicators |
| Currys Fork into Floyds Fork | Oldham | 0.0 to 4.8 | Oxygen, Dissolved |
| Currys Fork into Floyds Fork | Oldham | 0.0 to 4.8 | Sedimentation/Siltation |
| Floyds Fork into Salt River | Jefferson | 0.0 to 11.6 | Fecal Coliform |
| | | 11.6 to | |
| Floyds Fork into Salt River | Jefferson | 24.2 | Fecal Coliform |
| | | 24.2 to | |
| Floyds Fork into Salt River | Jefferson | 34.1 | Fecal Coliform |
| | | 24.2 to | |
| Floyds Fork into Salt River | Jefferson | 34.1 | Sedimentation/Siltation |
| | | 34.1 to | |
| Floyds Fork into Salt River | Shelby | 61.9 | Sedimentation/Siltation |
| Long Run into Floyds Fork | Jefferson | 0.0 to 10.0 | Fecal Coliform |
| Pennsylvania Run into Floyds Fork | Jefferson | 0.0 to 3.3 | Sedimentation/Siltation |

| Stream Name | County | River Miles | Pollutant |
|-----------------------------------|-----------|----------------|----------------|
| Stream Name | County | 2.12 | 2 2/ 2/2 2 |
| Pennsylvania Run into Floyds Fork | Jefferson | 0.0 to 3.3 | Fecal Coliform |
| Pope Lick Creek into Floyds Fork | Jefferson | 2.0 to 5.2 | Fecal Coliform |

The Louisville USGS was funded by EPA Region 4 to monitor these segments. Data collection began during 2007 and was completed during 2008. Pathogen TMDLs are being developed by the USGS and a preliminary draft document is anticipated for 2010. 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 anticipates beginning development of a nutrient model for the watershed in late 2010. KDOW will then develop the nutrient TMDLs when nutrient targets are available

4.2.3.6 Hardins Creek

| Stream Name | County | River Miles | Pollutant |
|------------------------------|--------------|--------------------|-----------------------------|
| | | | Nutrient/Eutrophication |
| Hardins Cr. into Sinking Cr. | Breckinridge | 0.0 to 5.0 | Biological Indicators |
| Hardins Cr. into Sinking Cr. | Breckinridge | 0.0 to 5.0 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| Hardins Cr. into Sinking Cr. | Breckinridge | 5.2 to 11.4 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Hardins Cr. into Sinking Cr. | Breckinridge | 5.2 to 11.4 | Biological Indicators |

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

4.2.3.7 Northern Ditch Watershed

| Stream Name | County | River Miles | Pollutant |
|------------------------------|-----------|-------------|-------------------------|
| Fern Cr. into Northern Ditch | Jefferson | 0.0 to 1.3 | Ammonia (unionized) |
| | | | Nutrient/Eutrophication |
| Fern Cr. into Northern Ditch | Jefferson | 0.0 to 1.3 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Fern Cr. into Northern Ditch | Jefferson | 0.0 to 1.3 | Indicators |
| | | | Nutrient/Eutrophication |
| Fern Cr. into Northern Ditch | Jefferson | 1.3 to 4.4 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Fern Cr. into Northern Ditch | Jefferson | 1.3 to 4.4 | Indicators |

| Stream Name | County | River Miles | Pollutant |
|------------------------------------|-----------|-------------|-------------------------|
| | | | Nutrient/Eutrophication |
| Fern Cr. into Northern Ditch | Jefferson | 4.4 to 5.9 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Fern Cr. into Northern Ditch | Jefferson | 4.4 to 5.9 | Indicators |
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Ammonia (unionized) |
| | | | Nutrient/Eutrophication |
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Indicators |

KDOW completed monitoring in 2005. KDOW will pursue development of these 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

| | | River | |
|-------------------------|--------|---------|-------------------------|
| Stream Name | County | Miles | Pollutant |
| | | 22.3 to | |
| Elk Fork into Red River | Todd | 31.1 | Fecal Coliform |
| | | | Organic Enrichment |
| | | 22.3 to | (Sewage) Biological |
| Elk Fork into Red River | Todd | 31.1 | Indicators |
| | | 22.3 to | Nutrient/Eutrophication |
| Elk Fork into Red River | Todd | 31.1 | Biological Indicators |
| | | 22.3 to | |
| Elk Fork into Red River | Todd | 31.1 | Cause Unknown |

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

4.3.1.2 Little River Watershed

| Stream Name | County | River Miles | Pollutant |
|------------------------------------|--------|--------------|------------------------------------|
| | | | Nitrate/Nitrite (Nitrite + Nitrate |
| Little River into Cumberland River | Trigg | 20.6 to 30.0 | as N) |
| Little River into Cumberland River | Trigg | 20.6 to 30.0 | Phosphorus (Total) |
| Little River into Cumberland River | Trigg | 20.6 to 30.0 | Sedimentation/Siltation |

| Stream Name | County | River Miles | Pollutant |
|--|------------|--------------|--|
| | | | Nutrient/Eutrophication |
| Little River into Cumberland River | Trigg | 30.0 to 31.4 | Biological Indicators |
| Little River into Cumberland River | Trigg | 30.0 to 31.4 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| Little River into Cumberland River | Trigg | 31.4 to 45.5 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| Little River into Cumberland River | Trigg | 31.4 to 45.5 | 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 | 15 5 to 57 7 | Organic Enrichment (Sewage) |
| | | 45.5 to 57.7 | 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 |
| 14. I OIR LILLIE RIVEI IIIO LILLIE RIVEI | Ciristian | 0.0 to 0.3 | Organic Enrichment (Sewage) |
| N. Fork Little River into Little River | Christian | 0.0 to 0.3 | Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.0 to 0.3 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Biological Indicators |
| | | | Organic Enrichment (Sewage) |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| N. Fork Little River into Little River | Christian | 7.0 to 10.9 | Biological Indicators |
| N. Fork Little River into Little River | Christian | 7.0 to 10.0 | Organic Enrichment (Sewage) |
| | | 7.0 to 10.9 | 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 |
| 14. I OIR LILLIE RIVEI IIIO LILLIE RIVEI | Cirristian | 10.7 to 10.2 | Organic Enrichment (Sewage) |
| N. Fork Little River into Little River | Christian | 10.9 to 16.2 | Biological Indicators |
| N. Fork Little River into Little River | Christian | 10.9 to 16.2 | Sedimentation/Siltation |
| Sinking Fork into Little River | Trigg | 2.2 to 5.6 | Sedimentation/Siltation |
| Skinner Creek into Casey Creek | Trigg | 0.0 to 5.8 | Cause Unknown |
| Crock into Cubey Crock | 111100 | 5.0 20 5.0 | Nutrient/Eutrophication |
| S. Fork Little River into Little River | Christian | 0.0 to 10.3 | 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 |
| 5. I of Little River into Little River | | 10.5 to 20.5 | Nutrient/Eutrophication |
| S. Fork Little River into Little River | Christian | 10.3 to 20.3 | Biological Indicators |

| Stream Name | County | River Miles | Pollutant |
|--|-----------|--------------|-----------|
| 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. The nutrient and organic enrichment TMDLs are currently under development by EPA Region 4.

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 |
| | | | Nutrient/Eutrophication |
| Pleasant Grove Creek into Red River | Logan | 0.0 to 2.2 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Pleasant Grove Creek into Red River | Logan | 0.0 to 2.2 | Indicators |

KDOW completed monitoring in 2007. Additional data will be 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 |
|---------------------------------|-----------|-------------|---------------------------|
| | | | Beta particles and photon |
| Bayou Creek into Ohio River | McCracken | 0.5 to 11.9 | 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 |
| | | | Beta particles and photon |
| Little Bayou Cr. into Bayou Cr. | McCracken | 0.0 to 7.2 | 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 develop these TMDLs. Additional metals data have been collected, and draft TMDLs are anticipated to be submitted to KDOW during 2010. Initial data for the Beta particles listing indicate that the streams are now meeting water quality standards for this pollutant. If no contrary data are produced, a delisting will be pursued for the beta particles.

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 | Fecal Coliform |
| Bee Creek into Clarks River | Calloway | 0.7 to 2.0 | Fecal Coliform |
| Blizzard Pond Drainage Canal into | | | Fecal Coliform |
| W. Fk. Clarks R. | McCracken | 0.0 to 3.7 | |
| Camp Creek into W. Fk. Clarks R. | McCracken | 0.0 to 5.4 | Fecal Coliform |
| Chestnut Creek into Clarks River | Marshall | 0.0 to 3.0 | Fecal Coliform |
| Clarks River into Tennessee River | Calloway | 50.9 to 55.6 | Fecal Coliform |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Clarks River into Tennessee River | Calloway | 50.9 to 55.6 | Indicators |
| | | | Nutrient/Eutrophication |
| Clarks River into Tennessee River | Calloway | 50.9 to 55.6 | Biological Indicators |
| Clarks River into Tennessee River | Calloway | 55.6 to 64.7 | Fecal Coliform |
| Clayton Creek into Clarks River | Calloway | 3.3 to 7.7 | Fecal Coliform |
| | | | Fecal Coliform |
| Damon Creek into W. Fk. Clarks R. | Calloway | 0.0 to 1.8 | |
| Middle Fork Creek into Clarks R. | Marshall | 0.2 to 6.0 | Fecal Coliform |
| Middle Fork into Clarks River | Calloway | 0.0 to 2.7 | Fecal Coliform |
| | | | Nutrient/Eutrophication |
| Middle Fork into Clarks River | Calloway | 0.0 to 2.7 | Biological Indicators |
| | | | Nutrient/Eutrophication |
| Middle Fork into Clarks River | Calloway | 2.7 to 4.8 | Biological Indicators |
| | | | Nutrient/Eutrophication |
| Spring Creek into W. Fk. Clarks R. | Graves | 0.0 to 2.0 | Biological Indicators |
| West Fork Clarks River into Clarks | | | Fecal Coliform |
| R. | Graves | 13.1 to 17.2 | |
| West Fork Clarks River into Clarks | | | Escherichia coli |
| R. | McCracken | 0.0 to 10.4 | |
| West Fork Clarks River into Clarks | | | Fecal Coliform |
| R. | Calloway | 20.1 to 28.4 | |

KDOW contracted Murray State University to conduct monitoring and develop TMDLs for these segments. Monitoring began in 2005 and draft pathogen TMDLs are anticipated to be submitted in 2010. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

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 | 33.7 to 39.8 | Sedimentation/Siltation |
| Laurel River into Cumberland | | | Nutrient/Eutrophication |
| River | Laurel | 33.7 to 39.8 | Biological Indicators |
| Little Laurel River into Laurel | | | |
| River | Laurel | 0.0 to 8.4 | Fecal Coliform |
| Little Laurel River into Laurel | | | Organic Enrichment (Sewage) |
| River | Laurel | 0.0 to 8.4 | Biological Indicators |
| Little Laurel River into Laurel | | | Nutrient/Eutrophication |
| River | Laurel | 0.0 to 8.4 | 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 | Fecal Coliform |
| Little Laurel River into Laurel | | | Organic Enrichment (Sewage) |
| River | Laurel | 8.4 to 12.7 | Biological Indicators |
| Little Laurel River into Laurel | | | Nutrient/Eutrophication |
| River | Laurel | 8.4 to 12.7 | 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 | Fecal Coliform |
| Little Laurel River into Laurel | | | Nutrient/Eutrophication |
| River | Laurel | 12.7 to 14.8 | Biological Indicators |
| Little Laurel River into Laurel | | | Organic Enrichment (Sewage) |
| River | Laurel | 12.7 to 14.8 | Biological Indicators |
| Little Laurel River into Laurel | | | |
| River | Laurel | 14.8 to 23.0 | Fecal Coliform |
| UT to Little Laurel River at | | | |
| RM 16.05 | Laurel | 0.0 to 1.4 | Sedimentation/Siltation |
| Whitley Branch into Little | | | |
| Laurel River | Laurel | 1.1 to 2.6 | Fecal Coliform |

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

4.3.5.2 Rockcastle River Watershed

| Stream Name | County | River Miles | Pollutant |
|-----------------------|------------|--------------|--|
| Raccoon Creek into S. | | | Nutrient/Eutrophication Biological |
| Fork Rockcastle R. | Laurel | 0.0 to 2.7 | Indicators |
| Renfro Creek into | | | Nutrient/Eutrophication Biological |
| Roundstone Creek | Rockcastle | 0.0 to 3.1 | Indicators |
| Renfro Creek into | | | Organic Enrichment (Sewage) Biological |
| Roundstone Creek | Rockcastle | 0.0 to 3.1 | Indicators |
| Renfro Creek into | | | |
| Roundstone Creek | Rockcastle | 0.0 to 3.1 | Sedimentation/Siltation |
| Roundstone Creek into | | | Nutrient/Eutrophication Biological |
| Rockcastle River | Rockcastle | 17.1 to 23.9 | Indicators |
| Roundstone Creek into | | | |
| Rockcastle River | Rockcastle | 17.1 to 23.9 | Oxygen, Dissolved |
| Roundstone Creek into | | | |
| Rockcastle River | Rockcastle | 17.1 to 23.9 | Sedimentation/Siltation |
| Skegg Creek into | | | Nutrient/Eutrophication Biological |
| Rockcastle River | Rockcastle | 0.0 to 3.3 | Indicators |
| Skegg Creek into | | | |
| Rockcastle River | Rockcastle | 0.0 to 3.3 | Sedimentation/Siltation |
| S. Fork of Rockcastle | | | Nutrient/Eutrophication Biological |
| R. into Rockcastle R. | Laurel | 21.2 to 29.1 | 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.

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 |
| 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 |

| Stream Name | County | River Miles | Pollutant |
|------------------------------|--------|-------------|-----------|
| White Oak Creek into Sinking | | | |
| Creek | Laurel | 0.0 to 1.0 | Turbidity |

KDOW completed monitoring in 2007.

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 | 0.2 to 17.2 | Fecal Coliform |
| Bacon Creek into Nolin River | Hart | 17.2 to 27.1 | Fecal Coliform |
| Bacon Creek into Nolin River | Hart | 17.2 to 27.1 | Sedimentation/Siltation |
| Bacon Creek into Nolin River | Hart | 27.1 to 32.6 | Fecal Coliform |

Western Kentucky University and KDOW completed pathogen monitoring for this stream during 2007. Draft Fecal coliform TMDLs are anticipated for 2011.

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 |
| | | | Nutrient/ Eutrophication |
| Buck Creek into Green River | McLean | 0.0 to 8.0 | Biological Indicators |
| Buck Creek into Green River | McLean | 0.0 to 8.0 | Sedimentation/Siltation |

KDOW completed fecal coliform and nutrient monitoring in 2008. Monitoring for sediment is on-going.

4.4.1.3 Craborchard Creek

| | | River | |
|-------------------------------|---------|------------|-------------------------|
| Stream Name | County | 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.

4.4.1.4 Cypress Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|--|--------------|--------------|-----------------------------|
| Cypress Creek into Pond River | Muhlenberg | 23.1 to 26.5 | Escherichia coli |
| | | | |
| Cypress Creek into Pond River | Muhlenberg | 26.5 to 33.6 | Specific Conductance |
| | N 11 1 | 26.54. 22.6 | T (1D' 1 10 1'1 |
| 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 | Escherichia coli |
| Little Cypress Creek into Cypress | 8 | | Sedimentation/ |
| Creek | Muhlenberg | 0.0 to 8.7 | Siltation |
| Little Cypress Creek into Cypress | | | |
| Creek | Muhlenberg | 0.0 to 8.7 | Specific Conductance |
| Little Cypress Creek into Cypress Creek | N f1-1 1 | 0.04.07 | T-4-1D: 1 10 111 |
| Little Cypress Creek into Cypress | Muhlenberg | 0.0 to 8.7 | Total Dissolved Solids |
| Creek | Muhlenberg | 8.7 to 10.1 | Sedimentation/ Siltation |
| Little Cypress Creek into Cypress | Withinenberg | 0.7 to 10.1 | Ontation |
| Creek | Muhlenberg | 8.7 to 10.1 | Specific Conductance |
| Little Cypress Creek into Cypress | Marklanda | 0.74-10.1 | T-4-1 D'11 C-1'-1- |
| Creek | Muhlenberg | 8.7 to 10.1 | Total Dissolved Solids |
| UT to Cypress Creek at RM 16.8 | Muhlenberg | 0.0 to 8.1 | Sedimentation/ Siltation |
| OT to Cypress Creek at Kivi 10.8 | Withheliberg | 0.0 to 8.1 | Sittation |
| UT of Cypress Creek at RM 26.1 | Muhlenberg | 0.0 to 3.4 | Escherichia coli |
| of of cypiess creek at Kivi 20.1 | Withheliberg | 0.0 to 3.4 | Listing Con |
| UT of Cypress Creek at RM 26.1 | Muhlenberg | 0.0 to 3.4 | Specific Conductance |
| | | | |
| UT to Cypress Creek at RM 26.3 | Muhlenberg | 0.0 to 3.0 | Escherichia coli |
| | | | |
| UT to Cypress Creek at RM 28.6 | Muhlenberg | 0.0 to 1.45 | Escherichia coli |
| | | | Sedimentation/ |
| UT to Cypress Creek at RM 28.6 | Muhlenberg | 0.0 to 1.45 | Siltation |
| | | | |
| UT to Cypress Creek at RM 28.6 | Muhlenberg | 0.0 to 1.45 | Specific Conductance |
| | | | |
| UT to Cypress Creek at RM 29.5 | Muhlenberg | 0.0 to 1.1 | Specific Conductance |
| UT to Little Cypress Creek at RM | | | |
| 3.1 | Muhlenberg | 0.0 to 1.75 | Escherichia coli |

| Stream Name | County | River Miles | Pollutant |
|----------------------------------|------------|-------------|----------------------|
| UT to Little Cypress Creek at RM | | | |
| 3.1 | Muhlenberg | 0.0 to 1.75 | Specific Conductance |
| UT to Little Cypress Creek at RM | | | |
| 4.0 | Muhlenberg | 0.0 to 3.25 | Escherichia coli |
| UT to Little Cypress Creek at RM | | | |
| 4.0 | Muhlenberg | 0.0 to 3.25 | Specific Conductance |
| UT at RM 0.9 of UT to Little | | | |
| Cypress Creek at RM 4.0 | Muhlenberg | 0.0 to 2.6 | Escherichia coli |
| UT at RM 0.9 of UT to Little | | | |
| Cypress Creek RM 4.0 | Muhlenberg | 0.0 to 2.6 | Specific Conductance |

KDOW completed monitoring in 2009 for E. coli, total suspended sediment, total dissolved solids and specific conductance.

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 |
| | | | Nutrient/Eutrophication |
| Deer Creek into Green River | Webster | 0.0 to 8.4 | Biological Indicators |
| East Fork of Deer Creek into Deer | | | |
| Creek | Webster | 0.0 to 6.8 | Sedimentation/Siltation |
| Havana Creek into Deer Creek | Webster | 0.0 to 1.9 | Sedimentation/Siltation |
| | | | Nutrient/Eutrophication |
| Knoblick Creek into Deer Creek | Webster | 0.0 to 9.1 | 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 the nutrient TMDL when nutrient targets are available.

4.4.1.6 Flat Creek

| Stream Name | County | River Miles | Pollutant |
|-------------------------|---------|-------------|-----------|
| Flat Cr into Pond River | Hopkins | 0.0 to 10.9 | рН |

The KWRRI has submitted a draft pH TMDL document to KDOW. The TMDL is being revised prior to submittal for public notice in 2010.

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 | pН |
| 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 | pН |
| 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 TMDLs are anticipated to be submitted in 2011.

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) |
| | | | Nutrient/Eutrophication |
| Cane Run into S. Fk. into Panther Cr. | Daviess | 0.0 to 3.7 | 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) |
| | | | Nutrient/Eutrophication |
| Rhodes Creek into Panther Cr. | Daviess | 2.2 to 7.5 | 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 |

| Stream Name | County | River Miles | Pollutant |
|-------------------------------------|---------|--------------|--|
| 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 | 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 TMDLs are anticipated to be submitted in 2011.

4.4.1.9 Sputzman Creek

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

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

4.4.1.10 Valley Creek Watershed

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

KDOW completed monitoring in 2007. KDOW will pursue development of the nutrient TMDLs when nutrient targets are available.

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 | рН |
| Caney Creek into Tradewater River | Hopkins | 0.0 to 8.2 | Specific Conductance |
| | TT 1: | 0.04.02 | Total Dissolved |
| Caney Creek into Tradewater River | Hopkins | 0.0 to 8.2 | 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 | pН |
| 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 at RM 0.6 | Hopkins | 0.0 to 0.9 | pН |
| UT to Copperas Creek at RM 0.6 | Hopkins | 0.0 to 0.9 | Iron |
| UT to Copperas Creek at RM 0.6 | Hopkins | 0.0 to 0.9 | Cadmium |
| UT to Copperas Creek at RM 0.6 | Hopkins | 0.0 to 0.9 | Zinc |
| UT to Copperas Creek at RM 0.6 | Hopkins | 0.0 to 0.9 | Specific Conductance |
| | TT 1: | 0.0. | Total Dissolved |
| UT to Copperas Creek at RM 0.6 | Hopkins | 0.0 to 0.9 | Solids |

KDOW completed monitoring in 2007. Draft TMDLs are anticipated to be submitted in 2012.

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 |
| | | | Nutrient/Eutrophication |
| Clear Creek into Tradewater River | Hopkins | 0.0 to 7.5 | Biological Indicators |
| | | | Organic Enrichment |
| | | | (Sewage) Biological |
| Clear Creek into Tradewater River | Hopkins | 0.0 to 7.5 | Indicators |
| Clear Creek into Tradewater River | Hopkins | 0.0 to 7.5 | Oxygen, Dissolved |

| Stream Name | County | River Miles | Pollutant |
|-----------------------------------|---------|--------------|-------------------------|
| | | | Nutrient/Eutrophication |
| Clear Creek into Tradewater River | Hopkins | 19.4 to 26.2 | Biological Indicators |
| | | | Organic Enrichment |
| | | 19.4 to 26.2 | (Sewage) Biological |
| Clear Creek into Tradewater River | Hopkins | | 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 |
| | | | Nutrient/Eutrophication |
| Lambs Creek into Clear Creek | Hopkins | 0.0 to 3.3 | 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 |
| | | | Nutrient/Eutrophication |
| Weirs Creek into Clear Creek | Hopkins | 0.0 to 4.9 | 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 the nutrient TMDL when nutrient targets are available.

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 | рН |
| 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 at RM 1.1 | Hopkins | 0.0 to 1.1 | Specific Conductance |
| UT to Copper Creek at RM 1.1 | Hopkins | 0.0 to 1.1 | Total Dissolved Solids |

KDOW completed monitoring in 2007. Draft TMDLs are anticipated for submittal in 2012.

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 | рН |
| Hurricane Creek into Tradewater River | Hopkins | 0.0 to 1.8 | Specific Conductance |
| | | | Total Dissolved |
| Hurricane Creek into Tradewater River | Hopkins | 0.0 to 1.8 | Solids |
| Hurricane Creek into Tradewater River | Hopkins | 0.0 to 1.8 | Zinc |
| East Fork Hurricane Creek into Hurricane | | | Specific |
| Creek | Hopkins | 0.0 to 2.2 | Conductance |
| | | | Total |
| East Fork Hurricane Creek into Hurricane | | | Dissolved |
| Creek | Hopkins | 0.0 to 2.2 | Solids |

KDOW completed monitoring in 2007. Draft TMDLs are anticipated for submittal in 2012.

4.4.3 Ohio River Basin

4.4.3.1 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 at RM 18.15 | Crittenden | 0.0 to 1.3 | Nutrient/ Eutrophication Biological Indicators |
| UT to Rush Creek at RM 18.15 | Crittenden | 0.0 to 1.3 | Organic Enrichment (Sewage) Biological Indicators |
| UT to Rush Creek at RM 18.15 | 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 the nutrient TMDLs when nutrient targets are available.

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.

4.5.1.2 Beaver Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|----------------------------|--------|-------------|-------------------------|
| Arkansas Creek into Beaver | | | |
| Creek | Floyd | 0.0 to 3.6 | Escherichia coli |
| Arkansas Creek into Beaver | | | Nutrient/Eutrophication |
| Creek | Floyd | 0.0 to 3.6 | Biological Indicators |
| | | | Organic Enrichment |
| Arkansas Creek into Beaver | | | (Sewage) Biological |
| Creek | Floyd | 0.0 to 3.6 | 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 |

| Stream Name | County | River Miles | Pollutant |
|-----------------------------------|--------|-------------|---|
| | | | Nutrient/Eutrophication |
| Arnold Fk into R. Fk. Beaver Cr. | Knott | 0.0 to 2.6 | 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 | Escherichia coli |
| 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 | Escherichia coli |
| 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 |

| Stream Name | County | River Miles | Pollutant |
|----------------------------|--------|-------------|-----------------------------|
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Escherichia coli |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Iron |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Nitrogen (Total) |
| Caleb Fork into Left Fork | | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 0.0 to 1.2 | Biological Indicators |
| | _ | | |
| Caleb Fork into Left Fork | | | Organic Enrichment (Sewage) |
| Beaver Creek | Floyd | 0.0 to 1.2 | Biological Indicators |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Phosphorus (Total) |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Sedimentation/Siltation |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Specific Conductance |
| Caleb Fork into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 1.2 | Total Dissolved Solids |
| Caney Fork into Right Fork | | | |
| Beaver Creek | Knott | 0.0 to 7.5 | Escherichia coli |
| Caney Fork into Right Fork | | | Nutrient/Eutrophication |
| Beaver Creek | Knott | 0.0 to 7.5 | Biological Indicators |
| Caney Fork into Right Fork | | | |
| Beaver Creek | Knott | 0.0 to 7.5 | Specific Conductance |
| Caney Fork into Right Fork | | | |
| Beaver Creek | Knott | 0.0 to 7.5 | Total Dissolved Solids |
| Caney Fork into Right Fork | | | |
| Beaver Creek | Knott | 7.5 to 11.3 | Specific Conductance |
| Caney Fork into Right Fork | | | |
| Beaver Creek | Knott | 7.5 to 11.3 | Total Dissolved Solids |
| Clear Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 4.9 | Escherichia coli |
| Clear Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 4.9 | Nitrogen (Total) |
| Clear Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 4.9 | Phosphorus (Total) |
| Clear Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 4.9 | Sedimentation/Siltation |
| Clear Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 4.9 | Specific Conductance |

| Stream Name | County | River Miles | Pollutant |
|--|--------|-------------|--|
| Clear Creek into Left Fork | | | |
| Beaver Creek | 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 Creek | Floyd | 0.0 to 5.2 | Escherichia coli |
| Frasure Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 5.2 | Iron |
| Frasure Creek into Left Fork | | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 0.0 to 5.2 | Biological Indicators |
| Frasure Creek into Left Fork Beaver Creek | Floyd | 0.0 to 5.2 | Organic Enrichment (Sewage) Biological Indicators |
| Frasure Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 5.2 | Sedimentation/Siltation |
| Frasure Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 5.2 | Specific Conductance |
| Frasure Creek into Left Fork | | | |
| Beaver Creek | 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 Creek | Floyd | 0.0 to 4.4 | Escherichia coli |
| Jacks Creek into Left Fork | | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 0.0 to 4.4 | Biological Indicators |
| Jacks Creek into Left Fork | F1 1 | | |
| Beaver Creek | Floyd | 0.0 to 4.4 | Sedimentation/Siltation |
| Jacks Creek into Left Fork | Flored | 0.040.4.4 | Specific Conductors |
| Beaver Creek | Floyd | 0.0 to 4.4 | Specific Conductance |
| Jacks Creek into Left Fork Beaver Creek | Floyd | 0.0 to 4.4 | Total Dissolved Solids |
| | Floyd | | |
| 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 | Escherichia coli |
| 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) |

| Stream Name | County | River Miles | Pollutant |
|------------------------------|--------|--------------------|-------------------------|
| 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 Creek | Floyd | 0.0 to 11.4 | Escherichia coli |
| Left Fork Beaver Creek into | | | |
| Beaver Creek | Floyd | 0.0 to 11.4 | Iron |
| Left Fork Beaver Creek into | _ | | |
| Beaver Creek | Floyd | 0.0 to 11.4 | Sedimentation/Siltation |
| Left Fork Beaver Creek into | • | | |
| Beaver Creek | Floyd | 0.0 to 11.4 | Specific Conductance |
| Left Fork Beaver Creek into | • | | |
| Beaver Creek | Floyd | 0.0 to 11.4 | Total Dissolved Solids |
| Left Fork Beaver Creek into | _ | | |
| Beaver Creek | Floyd | 11.4 to 13.55 | Escherichia coli |
| Left Fork Beaver Creek into | • | | |
| Beaver Creek | Floyd | 11.4 to 13.55 | Specific Conductance |
| Left Fork Beaver Creek into | - | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 13.55 to 18.7 | Biological Indicators |
| Left Fork Beaver Creek into | | | |
| Beaver Creek | Floyd | 13.55 to 18.7 | Sedimentation/Siltation |
| Left Fork Beaver Creek into | | | |
| Beaver Creek | Floyd | 13.55 to 18.7 | Specific Conductance |
| Left Fork Beaver Creek into | | | |
| Beaver Creek | Floyd | 18.7 to 28.6 | Escherichia coli |
| Left Fork Beaver Creek into | | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 18.7 to 28.6 | Biological Indicators |
| Left Fork Beaver Creek into | | | |
| Beaver Creek | 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 Creek | Floyd | 0.0 to 0.5 | Ammonia (un-ionized) |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Escherichia coli |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Nitrogen (Total) |
| Otter Creek into Left Fork | | | Nutrient/Eutrophication |
| Beaver Creek | Floyd | 0.0 to 0.5 | Biological Indicators |

| Stream Name | County | River Miles | Pollutant |
|----------------------------|--------|--------------|-------------------------|
| | | | Organic Enrichment |
| Otter Creek into Left Fork | | | (Sewage) Biological |
| Beaver Creek | Floyd | 0.0 to 0.5 | Indicators |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Phosphorus (Total) |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Sedimentation/Siltation |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Specific Conductance |
| Otter Creek into Left Fork | | | |
| Beaver Creek | Floyd | 0.0 to 0.5 | Total Dissolved Solids |
| Puncheon Br. into R. Fk. | | | Nutrient/Eutrophication |
| Beaver Cr. | Knott | 0.0 to 3.6 | Biological Indicators |
| | | | Organic Enrichment |
| Puncheon Br. into R. Fk. | | | (Sewage) Biological |
| Beaver Cr. | Knott | 0.0 to 3.6 | 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 | | | Escherichia coli, Fecal |
| Beaver Cr. | Floyd | 0.0 to 17.4 | coliform |
| Right Fk. Beaver Cr. into | | | Nutrient/Eutrophication |
| Beaver Cr. | Floyd | 0.0 to 17.4 | Biological Indicators |
| Right Fk. Beaver Cr. into | | | Organic Enrichment |
| Beaver Cr. | | | (Sewage) Biological |
| | Floyd | 0.0 to 17.4 | Indicators |
| Right Fk. Beaver Cr. into | | | |
| Beaver Cr. | Floyd | 0.0 to 17.4 | pН |
| 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 | Escherichia coli |
| Right Fk. Beaver Cr. into | | | Nutrient/Eutrophication |
| Beaver Cr. | Floyd | 17.4 to 23.3 | 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 |

| Stream Name | County | River Miles | Pollutant |
|--------------------------------------|--------|--------------|--|
| Right Fk. Beaver Cr. into Beaver | | | Nutrient/Eutrophication |
| Cr. | Knott | 23.3 to 30.3 | 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 | Escherichia coli |
| Right Fk. Beaver Cr. into Beaver | | | Nutrient/Eutrophication |
| Cr. | Knott | 30.3 to 33.4 | Biological Indicators |
| Right Fk. Beaver Cr. into Beaver | | | Organic Enrichment |
| Cr. | | | (Sewage) Biological |
| | Knott | 30.3 to 33.4 | Indicators |
| Right Fk. Beaver Cr. into Beaver | 17 | 20.24 | 0 1: (0:1) |
| Cr. | Knott | 30.3 to 33.4 | Sedimentation/Siltation |
| Right Fk. Beaver Cr. into Beaver | 17 | 20.24 | |
| Cr. | Knott | 30.3 to 33.4 | Specific Conductance |
| Right Fk. Beaver Cr. into Beaver | IZ 44 | 20.2 += 22.4 | Tatal Discolar d Call da |
| 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 | Kilott | 33.4 10 37.9 | Biological fildicators |
| Cr. | Knott | 33.4 to 37.9 | Specific Conductance |
| Right Fk. Beaver Cr. into Beaver | Knott | 33.4 to 31.7 | Specific Conductance |
| 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. | Triott | 0.0 to 2.0 | Nutrient/Eutrophication |
| Trock I in mic It I in Beaver cir | Floyd | 0.0 to 7.0 | 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 | 11034 | 0.0 to 7.0 | Nutrient/Eutrophication |
| Cr. | Knott | 0.0 to 1.8 | Biological Indicators |
| Salisbury Br. into R. Fk. Beaver | | 2.0 2.0 | |
| Cr. | Knott | 0.0 to 1.8 | Sedimentation/Siltation |
| Salisbury Br. into R. Fk. Beaver | | | |
| Cr. | Knott | 0.0 to 1.8 | Specific Conductance |
| Salisbury Br. into R. Fk. Beaver | | | |
| Cr. | Knott | 0.0 to 1.8 | Total Dissolved Solids |
| Salt Lick Cr. into R. Fk. Beaver | | | |
| Cr. | Floyd | 0.0 to 6.8 | Escherichia coli |

| Stream Name | County | River Miles | Pollutant |
|---------------------------|--------|-------------|-------------------------|
| 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 | | | |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Escherichia coli |
| Simpson Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Iron |
| Simpson Branch into Left | | | Nutrient/Eutrophication |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Biological Indicators |
| | | | Organic Enrichment |
| Simpson Branch into Left | | | (Sewage) Biological |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Indicators |
| Simpson Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Sedimentation/Siltation |
| Simpson Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Specific Conductance |
| Simpson Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 1.8 | Total Dissolved Solids |
| Sizemore Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 2.0 | Escherichia coli |
| Sizemore Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 2.0 | Specific Conductance |
| Sizemore Branch into Left | | | |
| Fork Beaver Creek | Floyd | 0.0 to 2.0 | Total Dissolved Solids |
| Spewing Camp Branch into | | | |
| Left Fork Beaver Creek | Floyd | 0.0 to 3.1 | Escherichia coli |
| Spewing Camp Branch into | | | |
| Left Fork Beaver Creek | Floyd | 0.0 to 3.1 | pН |
| 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 |

| Stream Name | County | River Miles | Pollutant |
|-------------------------------------|--------|-------------|-------------------------|
| Spewing Camp Branch into | | | |
| Left Fork Beaver Creek | Floyd | 0.0 to 3.1 | Total Suspended Solids |
| Spurlock Creek | Floyd | 0.0 to 0.6 | Escherichia coli |
| Spurlock Creek | Floyd | 0.0 to 0.6 | Specific Conductance |
| Spurlock Creek | Floyd | 0.0 to 0.6 | Total Dissolved Solids |
| Spurlock Creek | Floyd | 0.6 to 4.0 | Specific Conductance |
| Spurlock Creek | 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 | | | Nutrient/Eutrophication |
| Cr. | Floyd | 0.0 to 2.4 | Biological Indicators |
| | | | Organic Enrichment |
| Steele Cr. into R. Fk. Beaver | | | (Sewage) Biological |
| Cr. | Floyd | 0.0 to 2.4 | Indicators |
| Steele Cr. into R. Fk. Beaver | Elavid | 0.0 to 2.4 | Sadimentation/Siltation |
| Cr. Steele Cr. into R. Fk. Beaver | Floyd | 0.0 to 2.4 | Sedimentation/Siltation |
| Cr. | Floyd | 0.0 to 2.4 | Specific Conductance |
| Steele Cr. into R. Fk. Beaver | Tioyu | 0.0 to 2.4 | Specific Conductance |
| 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. | | | Nutrient/Eutrophication |
| Beaver Cr. | Floyd | 0.0 to 2.6 | Biological Indicators |
| | | | Organic Enrichment |
| Stephens Br. into R. Fk. | | | (Sewage) Biological |
| Beaver Cr. | Floyd | 0.0 to 2.6 | Indicators |
| Stephens Br. into R. Fk. | F1 1 | 0.04.26 | G 1: 44: 4G:144: |
| 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. | Tioyu | 0.0 to 2.0 | Specific Conductance |
| Beaver Cr. | Floyd | 0.0 to 2.6 | Total Dissolved Solids |
| Turkey Cr. into R. Fk. | lioju | 0.0 to 2.0 | Total Dissolved Solids |
| Beaver Cr. | Floyd | 0.0 to 5.9 | Escherichia coli |
| Turkey Cr. into R. Fk. | | | Nutrient/Eutrophication |
| Beaver Cr. | Floyd | 0.0 to 5.9 | 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. | Florid | 0.042.50 | Specific Conductors |
| Beaver Cr. | Floyd | 0.0 to 5.9 | Specific Conductance |

| Stream Name | County | River Miles | Pollutant |
|------------------------|--------|-------------|-------------------------|
| Wilson Cr. into R. Fk. | | | Nutrient/Eutrophication |
| Beaver Cr. | Floyd | 0.0 to 2.9 | Biological Indicators |
| | | | Organic Enrichment |
| Wilson Cr. into R. Fk. | | | (Sewage) Biological |
| Beaver Cr. | Floyd | 0.0 to 2.9 | 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. A draft Escherichia coli TMDL is anticipated for submittal in 2010 while a draft total dissolved solids, sediment, pH and iron TMDL and a draft nutrient TMDL are anticipated for submittal in 2011.

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 | Escherichia coli |
| Ohio River 319.4 to 340.8 | Boyd, Greenup | 319.7 to 341.05 | Escherichia coli |
| Ohio River 356.6 to 377.7 | Greenup, Lewis | 356.8 to 377.65 | Escherichia coli |
| Ohio River 382.9 to 388.0 | Lewis | 382.85 to 388.0 | Escherichia coli |
| Ohio River 464.5 to 465.2 | Campbell | 464.1 to 464.8 | Escherichia coli |
| Ohio River 469.3 to 471.4 | Campbell, Kenton | 468.85 to 471.0 | Escherichia coli |
| Ohio River 471.4 to 475.1 | Kenton | 471.0 to 474.65 | Escherichia coli |
| Ohio River 475.1 to 477.6 | Kenton, Boone | 474.65 to 477.1 | Escherichia coli |
| Ohio River 477.6 to 488.0 | Boone | 477.1 to 487.4 | Escherichia coli |
| Ohio River 603.3 to 608.1 | Jefferson | 602.1 to 606.6 | Escherichia coli |
| Ohio River 608.1 to 609.2 | Jefferson | 606.6 to 607.65 | Escherichia coli |
| Ohio River 609.2 to 614.9 | Jefferson | 607.65 to 613.3 | Escherichia coli |
| Ohio River 614.9 to 683.0 | Jefferson, Hardin, Meade | 613.3 to 680.9 | Escherichia coli |
| Ohio River 683.0 to 719.5 | Meade, Breckinridge, Hancock | 680.9 to 716.8 | Escherichia coli |
| Ohio River 719.5 to 735.7 | Hancock | 716.8 to 732.8 | Escherichia coli |
| Ohio River 735.7 to 756.4 | Hancock, Daviess | 732.8 to 753.1 | Escherichia coli |

| Stream Name | County | River Miles | Pollutant |
|----------------------------|---------------------|----------------|------------------|
| | | | |
| Ohio River 756.4 to 760.6 | Daviess | 753.1 to 757.0 | Escherichia coli |
| | Daviess, | 757.0 to | |
| Ohio River 760.6 to 789.3 | Henderson | 785.55 | Escherichia coli |
| | | 785.55 to | |
| Ohio River 789.3 to 792.1 | Henderson | 788.4 | Escherichia coli |
| Ohio River 792.1 to 793.2 | Henderson | 788.4 to 789.3 | Escherichia coli |
| Olilo River 792.1 to 793.2 | Tichacison | 789.3 to | Escherichia con |
| Ohio River 793.2 to 798.4 | Henderson | 794.45 | Escherichia coli |
| Onto Rever 193.2 to 196.1 | Tienderson | 794.45 to | Eschericina con |
| Ohio River 798.4 to 799.8 | Henderson | 795.85 | Escherichia coli |
| | | 795.85 to | |
| Ohio River 799.8 to 802.9 | Henderson | 789.9 | Escherichia coli |
| Olilo River 799.8 to 802.9 | Henderson | 789.9 to | Escherichia con |
| Ohio River 802.9 to 820.1 | Henderson | 816.25 | Escherichia coli |
| Ono River 002.7 to 020.1 | Tienderson | 816.25 to | Eschericina con |
| Ohio River 820.1 to 826.4 | Henderson | 822.5 | Escherichia coli |
| | IIl | | |
| Ohio River 826.4 to 847.3 | Henderson, Union | 822.5 to 843.1 | Escherichia coli |
| Olilo River 820.4 to 847.3 | Ullion | 622.3 10 643.1 | Escherichia con |
| | | 849.35 to | |
| Ohio River 853.4 to 857.6 | Union | 853.3 | Escherichia coli |
| | | | |
| Ohio River 862.1 to 872.8 | Union | 857.8 to 868.3 | Escherichia coli |
| OI: D: 070.2 . 002.2 | | 873.25 to | |
| Ohio River 878.2 to 882.9 | Crittenden | 877.9 | Escherichia coli |
| | | 889.45 to | |
| Ohio River 894.6 to 910.3 | Livingston | 904.85 | Escherichia coli |
| | | 914.9 to | |
| Ohio River 920.5 to 925.8 | Livingston | 919.85 | Escherichia coli |

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 pathogen TMDLs. EPA Region 5 has contracted the pathogen TMDL development to a third party and a draft TMDL is anticipated for submittal in 2011.

Chapter 5. Segments Planned for Monitoring During 2010

5.1 Kentucky Basin Unit

5.1.1 Kentucky River Basin

No TMDL monitoring planned for 2010.

5.2 Salt-Licking Basin Unit

5.2.1 Licking River Basin

5.2.1.1 Hinkston Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|----------------------|---------|-------------|--------------------------|
| Blacks Creek into | | | Nutrient/ Eutrophication |
| Hinkston Creek | Bourbon | 0.0 to 3.4 | Biological Indicators |
| Blacks Creek into | | | |
| Hinkston Creek | Bourbon | 0.0 to 3.4 | Sedimentation/Siltation |
| Boone Creek Hinkston | | | Nutrient/ Eutrophication |
| Creek | Bourbon | 0.0 to 5.0 | Biological Indicators |
| Boone Creek Hinkston | | | |
| Creek | Bourbon | 0.0 to 5.0 | Sedimentation/Siltation |

Due to a drought during 2008, the monitoring that was scheduled for these streams was not able to be completed. TMDL monitoring will continue in 2010 to obtain the required data for TMDL development.

5.2.1.2 Stoner Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|------------------------|---------|-------------|--------------------------|
| Cooper Run into Stoner | | | Nutrient/ Eutrophication |
| Creek | Bourbon | 0.0 to 10.1 | Biological Indicators |
| Flat Run into Stoner | | | Nutrient/ Eutrophication |
| Creek | Bourbon | 0.0 to 2.2 | Biological Indicators |
| Flat Run into Stoner | | | |
| Creek | Bourbon | 0.0 to 2.2 | Sedimentation/Siltation |

Due to a drought during 2008, the monitoring that was scheduled for these streams was not able to be completed. TMDL monitoring will continue in 2010 to obtain the required data for TMDL development.

5.2.2 Ohio River Basin

5.2.2.1 Wetwoods Creek (Slop Ditch)

| Stream Name | County | River Miles | Pollutant |
|---------------------|-----------|-------------|----------------|
| Wetwoods Creek into | | | |
| Southern Ditch | Jefferson | 0.0 to 3.7 | Cadmium |
| Wetwoods Creek into | | | |
| Southern Ditch | Jefferson | 0.0 to 3.7 | Fecal Coliform |

Monitoring will begin in May 2010 and will continue through October 2010. KDOW will pursue delisting of Cadmium if data indicates no impairment.

5.2.3 Salt River Basin

No TMDL monitoring planned for 2010.

5.3 Tennessee-Mississippi-Cumberland Basin Unit

5.3.1 Lower Cumberland River Basin

5.3.1.1 Red River Watershed

| Stream Name | County | River Miles | Pollutant |
|----------------------|--------|--------------|-------------------------------------|
| Dry Fork into | | | |
| Whippoorwill Creek | Logan | 0.0 to 7.3 | Nitrate/Nitrite (as N) |
| Dry Fork into | | | |
| Whippoorwill Creek | Logan | 0.0 to 7.3 | Dissolved Oxygen |
| Dry Fork into | | | |
| Whippoorwill Creek | Logan | 0.0 to 7.3 | Sedimentation/ Siltation |
| Pleasant Grove Creek | | | |
| into Red River | Logan | 0.0 to 2.2 | Fecal Coliform |
| Pleasant Grove Creek | | | Nutrient/ Eutrophication Biological |
| into Red River | Logan | 0.0 to 2.2 | Indicators |
| Pleasant Grove Creek | | | Organic Enrichment (Sewage) |
| into Red River | Logan | 0.0 to 2.2 | Biological Indicators |
| Red River into | | | |
| Cumberland River | Logan | 50.8 to 54.5 | E. coli |
| | | | Nutrient/Eutrophication Biological |
| Red River into | | | Indicators |
| Cumberland River | Logan | 54.5 to 56.9 | |
| Red River into | | | |
| Cumberland River | Logan | 54.5 to 56.9 | Sedimentation/Siltation |

| Stream Name | County | River Miles | Pollutant |
|-----------------------|---------|--------------|-------------------------------|
| Red River into | | | |
| Cumberland River | Logan | 57.0 to 65.8 | E. coli |
| Red River into | | | |
| Cumberland River | Logan | 65.8 to 74.3 | Sedimentation/ Siltation |
| | | | |
| Red River into | | | |
| Cumberland River | Simpson | 74.3 to 81.3 | Cause Unknown |
| | | | |
| | | | |
| UT to Little | | | |
| Whippoorwill Creek at | | | |
| RM 2.6 | Logan | 0.1 to 0.6 | Nitrate/Nitrite (as N) |
| UT to Little | | | |
| Whippoorwill Creek at | | | |
| RM 2.6 | Logan | 0.1 to 0.6 | Sedimentation/ Siltation |
| UT to Little | | | |
| Whippoorwill Creek at | | | |
| RM 2.6 | Logan | 0.1 to 0.6 | Total Kjeldahl Nitrogen (TKN) |

KDOW completed monitoring in Pleasant Grove Creek in 2007. Additional data is being collected as part of a monitoring plan for the Red River watershed in 2010.

5.3.2 Mississippi River Basin

No TMDL monitoring planned for 2010.

5.3.3 Ohio River Basin

No TMDL monitoring planned for 2010.

5.3.4 Tennessee River Basin

No TMDL monitoring planned for 2010.

5.3.5 Upper Cumberland River Basin

No TMDL monitoring planned for 2010.

5.4 Green-Tradewater Basin Unit

5.4.1 Green River Basin

No TMDL monitoring planned for 2010.

5.4.2 Ohio River Basin

5.4.2.1 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 | | | Nutrient/ Eutrophication Biological |
| River | Henderson | 2.4 to 5.0 | Indicators |
| Canoe Creek into Ohio | | | Organic Enrichment (Sewage) |
| River | Henderson | 2.4 to 5.0 | 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 | Henderson | 0.0 to 4.4 | Oxygen, Dissolved |
| East Fork of Canoe | | | |
| Creek | Henderson | 0.0 to 4.4 | Sedimentation/ Siltation |

Monitoring began in November 2009 and will continue through October 2010.

5.4.3 Tradewater River Basin

No TMDL monitoring planned for 2010.

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit

5.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2010.

5.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2010.

5.5.3 Tygarts Creek Basin

No TMDL monitoring planned for 2010.

5.6 Ohio River Mainstem

In order to fill data gaps, ORSANCO may conduct additional monitoring of the Ohio River and some of its tributaries to assist in the development of the pathogen TMDL.

Chapter 6. Segments Planned for Monitoring During 2011

6.1 Kentucky Basin Unit

6.1.1 Kentucky River Basin

6.1.1.1 Muddy Creek

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

Monitoring will begin in May 2011.

6.2 Salt-Licking Basin Unit

6.2.1 Licking River Basin

No TMDL monitoring planned for 2011.

6.2.2 Salt River Basin

6.2.2.1 Fern Creek

| Stream Name | County | River Miles | Pollutant |
|--------------------------|-----------|-------------|----------------|
| Fern Creek into Northern | | | |
| Ditch | Jefferson | 0.0 to 1.3 | Fecal Coliform |
| Fern Creek into Northern | | | |
| Ditch | Jefferson | 1.3 to 4.4 | Fecal Coliform |
| Fern Creek into Northern | | | |
| Ditch | Jefferson | 4.4 to 5.9 | Fecal Coliform |

Monitoring will begin in May 2011.

6.2.2.2 Northern Ditch

| Stream Name | County | River Miles | Pollutant |
|------------------------------|-----------|-------------|----------------|
| Northern Ditch into Southern | | | |
| Ditch | Jefferson | 0.0 to 7.3 | Fecal Coliform |
| Blue Spring Ditch into | | | |
| Northern Ditch | Jefferson | 0.0 to 2.1 | Fecal Coliform |

Monitoring will begin in May 2011.

6.2.2.3 Southern Ditch

| Stream Name | County | River Miles | Pollutant |
|--------------------------|-----------|-------------|----------------|
| Southern Ditch into Pond | | | |
| Creek | Jefferson | 0.0 to 5.9 | Fecal Coliform |
| Wet Woods Creek into | | | |
| Southern Ditch | Jefferson | 0.0 to 3.7 | Fecal Coliform |

Monitoring will begin in May 2011.

6.3 Tennessee-Mississippi-Cumberland Basin Unit

6.3.1 Lower Cumberland Basin

No TMDL monitoring planned for 2011.

6.3.2 Mississippi River Basin

No TMDL monitoring planned for 2011.

6.3.3 Tennessee River Basin

No TMDL monitoring planned for 2011.

6.3.4 Upper Cumberland Basin

No TMDL monitoring planned for 2011.

6.4 Green-Tradewater Basin Unit

6.4.1 Green River Basin

6.4.1.1 Pond Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---------------------|------------|-------------|-----------------|
| Bat East Creek into | | | Sedimentation/ |
| Pond Creek | Muhlenberg | 0.0 to 3.3 | Siltation |
| Bat East Creek into | | | Total Dissolved |
| Pond Creek | Muhlenberg | 0.0 to 3.3 | Solids |
| Bat East Creek into | | | |
| Pond Creek | Muhlenberg | 3.4 to 7.5 | Cause Unknown |
| Bat East Creek into | | | Total Dissolved |
| Pond Creek | Muhlenberg | 3.4 to 7.5 | Solids |
| Caney Creek into | | | Sedimentation/ |
| Pond Creek | Muhlenberg | 0.0 to 3.6 | Siltation |

| Stream Name | County | River Miles | Pollutant |
|----------------------|------------|--------------|-----------------------|
| Caney Creek into | | | Total Dissolved |
| Pond Creek | Muhlenberg | 0.0 to 3.6 | Solids |
| Caney Creek into | | | Sedimentation/ |
| Pond Creek | Muhlenberg | 3.6 to 7.6 | Siltation |
| Caney Creek into | | | |
| Pond Creek | Muhlenberg | 1.4 to 5.3 | Fecal Coliform |
| Pond Creek into | | | |
| Green River | Muhlenberg | 4.8 to 7.6 | Chloride |
| Pond Creek into | | | Sedimentation/ |
| Green River | Muhlenberg | 4.8 to 7.6 | Siltation |
| Pond Creek into | | | Total Dissolved |
| Green River | Muhlenberg | 4.8 to 7.6 | Solids |
| Pond Creek into | | | |
| Green River | Muhlenberg | 7.6 to 11.7 | Chloride |
| Pond Creek into | | | Sedimentation/ |
| Green River | Muhlenberg | 7.6 to 11.7 | Siltation |
| Pond Creek into | | | Total Dissolved |
| Green River | Muhlenberg | 7.6 to 11.7 | Solids |
| Pond Creek into | | | Sedimentation/ |
| Green River | Muhlenberg | 11.7 to 14.4 | Siltation |
| Pond Creek into | | | Total Dissolved |
| Green River | Muhlenberg | 11.7 to 14.4 | Solids |
| Pond Creek into | | | |
| Green River | Muhlenberg | 14.4 to 18.1 | Cause Unknown |
| | | | Nutrient/ |
| Pond Creek into | | | Eutrophication |
| Green River | Muhlenberg | 18.1 to 22.1 | Biological Indicators |
| Pond Creek into | | | Sedimentation/ |
| Green River | Muhlenberg | 18.1 to 22.1 | 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 at | | | |
| RM 6.9 | Muhlenberg | 0.0 to 2.4 | Cause Unknown |

Monitoring will begin in November 2010.

6.4.2 Tradewater River Basin

No TMDL monitoring planned for 2011.

6.4.3 Ohio River Basin

No TMDL monitoring planned for 2011.

6.5 Big Sandy-Little Sandy-Tygarts Basin Unit

6.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2011.

6.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2011.

6.5.3 Ohio River Basin

No TMDL monitoring planned for 2011.

6.5.4 Tygarts Creek Basin

No TMDL monitoring planned for 2011.

Chapter 7. TMDLs Planned for Public Notice During 2010

| Stream Name | River Miles | County | Pollutant | Quarter |
|--|---------------|------------|------------------|---------|
| Flat Creek into Pond | | | | |
| River | 0.0 to 10.9 | Hopkins | pH | 2nd |
| Townsend Creek into South Fork Licking River | 0.0 to 4.9 | Bourbon | Fecal Coliform | 2nd |
| North Elkhorn Creek into | 66.0 to | Douroon | Tecur comorni | Ziid |
| Elkhorn Creek | 73.75 | Fayette | Escherichia coli | 3rd |
| David Fork into North Elkhorn Creek | 0.0 to 1.68 | Fayette | Escherichia coli | 3rd |
| Unnamed Tributary into North Elkhorn Creek | 0.0 to 2.9 | Fayette | Escherichia coli | 3rd |
| Balls Branch into Clarks Run | 0.0 to 4.9 | Boyle | Escherichia coli | 2nd |
| Baughman Creek into Hanging Fork Creek | 0.0 to 4.6 | Lincoln | Escherichia coli | 2nd |
| Blue Lick Creek into Hanging Fork Creek | 0.0 to 4.1 | Lincoln | Escherichia coli | 2nd |
| Clarks Run into Dix River (Herrington Lake) | 0.7 to 4.4 | Boyle | Escherichia coli | 2nd |
| Clarks Run into Dix River (Herrington Lake) | 4.4 to 6.7 | Boyle | Escherichia coli | 2nd |
| Clarks Run into Dix River (Herrington Lake) | 6.7 to 14.3 | Boyle | Escherichia coli | 2nd |
| Copper Creek into Dix River | 0.0 to 2.2 | Lincoln | Escherichia coli | 2nd |
| Dix River into Kentucky River | 33.3 to 36.1 | Garrard | Escherichia coli | 2nd |
| Dix River into Kentucky River | 36.1 to 43.8 | Lincoln | Escherichia coli | 2nd |
| Dix River into Kentucky River | 64.3 to 73.35 | Lincoln | Escherichia coli | 2nd |
| Dix River into Kentucky River | 73.35 to 78.7 | Rockcastle | Escherichia coli | 2nd |
| Drakes Creek into Dix River | 1.15 to 7.3 | Lincoln | Escherichia coli | 2nd |
| Frog Branch into Hanging Fork Creek | 0.0 to 3.4 | Lincoln | Escherichia coli | 2nd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---|--------------|-----------|-------------------|---------|
| Gilberts Creek into Dix | | | | |
| River | 0.0 to 1.25 | Lincoln | Escherichia coli | 2nd |
| Hanging Fork Creek into | | | Escherichia coli, | |
| Dix River | 0.0 to 15.85 | Lincoln | Fecal Coliform | 2nd |
| Hanging Fork Creek into | 15.85 to | | | |
| Dix River | 24.15 | Lincoln | Escherichia coli | 2nd |
| Hanging Fork Creek into | 24.15 to | | | |
| Dix River | 27.6 | Lincoln | Escherichia coli | 2nd |
| Hanging Fork Creek into | | | | |
| Dix River | 27.6 to 32.2 | Lincoln | Escherichia coli | 2nd |
| Harris Creek into Knob | | | | |
| Lick Creek | 0.0 to 6.25 | Lincoln | Escherichia coli | 2nd |
| Knob Lick Creek into | | | | |
| Hanging Fork Creek | 0.0 to 4.8 | Lincoln | Escherichia coli | 2nd |
| Logan Creek into Dix River | 0.0 to 3.15 | Lincoln | Escherichia coli | 2md |
| | 0.0 to 5.15 | Lincoln | Escherichia con | 2nd |
| McKinney Branch into | 0.0 to 1.9 | Lincoln | Escherichia coli | 2nd |
| Hanging Fork Creek | 0.0 to 1.9 | Lincom | Escherichia con | ZIIU |
| Peyton Creek into Hanging Fork Creek | 0.0 to 4.1 | Lincoln | Escherichia coli | 2nd |
| | 0.0 to 4.1 | Lincom | Escricifica con | ZIIU |
| White Oak Creek into Dix River | 0.0 to 2.8 | Garrard | Escherichia coli | 2nd |
| White Oak Creek into | 0.0 to 2.0 | Garrard | Lischeriema con | Ziid |
| Knob Lick Creek | 0.0 to 3.4 | Lincoln | Escherichia coli | 2nd |
| Bee Creek | 0.0 to 0.7 | Calloway | Fecal Coliform | 2nd |
| Bee Creek | 0.7 to 2.0 | Calloway | Fecal Coliform | 2nd |
| Blizzard Pond | 0.0 to 3.7 | McCracken | Fecal Coliform | 2nd |
| Camp Creek | 0.0 to 5.4 | McCracken | Fecal Coliform | 2nd |
| Chestnut Creek | 0.0 to 3.0 | Marshall | Fecal Coliform | 2nd |
| Clarks River | 50.9 to 55.6 | Calloway | Fecal Coliform | 2nd |
| Clarks River | 55.6 to 64.7 | Calloway | Fecal Coliform | 2nd |
| Clayton Creek | 3.3 to 7.7 | Calloway | Fecal Coliform | 2nd |
| Damon Creek | 0.0 to 1.8 | Calloway | Fecal Coliform | 2nd |
| Middle Fork Creek | 0.2 to 6.0 | Marshall | Fecal Coliform | 2nd |
| Middle Fork of Clarks | | | - | |
| River | 0.0 to 2.7 | Calloway | Fecal Coliform | 2nd |
| West Fork of Clarks | | ĺ | | |
| River | 0.0 to 10.4 | McCracken | Escherichia coli | 2nd |
| West Fork of Clarks | 12.1 / 17.2 | Const | E1 C 1'C | 21 |
| River | 13.1 to 17.2 | Graves | Fecal Coliform | 2nd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|--|------------------|----------|------------------|---------|
| West Fork of Clarks River | 20.1 to 28.4 | Marshall | Fecal Coliform | 2nd |
| Arkansas Creek into Beaver Creek | 0.0 to 3.6 | Floyd | Escherichia coli | 3rd |
| Beaver Creek into Levisa Fork | 0.0 to 7.1 | Floyd | Escherichia coli | 3rd |
| Buck Branch into Beaver Creek | 0.0 to 2.8 | Floyd | Escherichia coli | 3rd |
| Caleb Fork into Left Fork Beaver Creek | 0.0 to 1.2 | Floyd | Escherichia coli | 3rd |
| Caney Fork into Right Fork Beaver Creek | 0.0 to 7.5 | Knott | Escherichia coli | 3rd |
| Clear Creek into Left Fork Beaver Creek | 0.0 to 4.9 | Floyd | Escherichia coli | 3rd |
| Frasure Creek into Left Fork Beaver Creek | 0.0 to 5.2 | Floyd | Escherichia coli | 3rd |
| Jacks Creek into Left Fork Beaver Creek | 0.0 to 4.4 | Floyd | Escherichia coli | 3rd |
| Jones Fk. into R. Fk. Beaver Cr. | 0.0 to 9.9 | Knott | Escherichia coli | 3rd |
| Left Fork Beaver Creek into Beaver Creek | 0.0 to 11.4 | Floyd | Escherichia coli | 3rd |
| Left Fork Beaver Creek into Beaver Creek | 11.4 to 13.55 | Floyd | Escherichia coli | 3rd |
| Left Fork Beaver Creek into Beaver Creek | 18.7 to 28.6 | Floyd | Escherichia coli | 3rd |
| Otter Creek into Left Fork Beaver Creek | 0.0 to 0.5 | Floyd | Escherichia coli | 3rd |
| Right Fk. Beaver Cr. into Beaver Cr. | 17.4 to 23.3 | Floyd | Escherichia coli | 3rd |
| Right Fk. Beaver Cr. into Beaver Cr. | 30.3 to 33.4 | Knott | Escherichia coli | 3rd |
| Salt Lick Cr. into R. Fk. Beaver Cr. | 0.0 to 6.8 | Floyd | Escherichia coli | 3rd |
| Simpson Branch into Left Fork Beaver Creek | 0.0 to 1.8 | Floyd | Escherichia coli | 3rd |
| Sizemore Branch into Left Fork Beaver Creek | 0.0 to 2.0 | Floyd | Escherichia coli | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|--------------------------------------|-------------|-----------|---|---------|
| Spewing Camp Branch | | V | | |
| into Left Fork Beaver | | | | |
| Creek | 0.0 to 3.1 | Floyd | Escherichia coli | 3rd |
| Spurlock Creek | 0.0 to 0.6 | Floyd | Escherichia coli | 3rd |
| Turkey Cr. into R. Fk. Beaver Cr. | 0.0 to 5.9 | Floyd | Escherichia coli | 3rd |
| Dialet Ela Danna Curinta | 0.0 to 3.9 | Tioyu | | Ju |
| Right Fk. Beaver Cr. into Beaver Cr. | 0.0 to 17.4 | Floyd | Escherichia coli, Fecal coliform | 3rd |
| Middle Fork Beargrass | | | | |
| Creek | 0.0 to 2.0 | Jefferson | Fecal Coliform | 3rd |
| Middle Fork Beargrass Creek | 2.0 to 2.9 | Jefferson | Fecal Coliform | 3rd |
| Middle Fork Beargrass Creek | 2.9 to 15.3 | Jefferson | Fecal Coliform | 3rd |
| Muddy Fork Beargrass Creek | 0.0 to 6.9 | Jefferson | Fecal Coliform | 3rd |
| South Fork Beargrass Creek | 0.0 to 2.7 | Jefferson | Fecal Coliform | 3rd |
| South Fork Beargrass Creek | 2.7 to 13.6 | Jefferson | Fecal Coliform | 3rd |
| Beargrass Creek | 0.5 to 1.8 | Jefferson | Organic Enrichment (Sewage) Biological Indicators | 3rd |
| Middle Fork Beargrass Creek | 0.0 to 2.0 | Jefferson | Organic Enrichment (Sewage) Biological Indicators | 3rd |
| South Fork Beargrass Creek | 0.0 to 2.7 | Jefferson | Organic Enrichment (Sewage) Biological Indicators | 3rd |
| South Fork Beargrass Creek | 2.7 to 13.6 | Jefferson | Organic Enrichment (Sewage) Biological Indicators | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|--------------------------------------|--------------|-----------|----------------|---------|
| Brooks Run into Floyds | | | | |
| Fork | 2.5 to 4.1 | Bullitt | Fecal Coliform | 4th |
| Brooks Run into Floyds Fork | 4.1 to 6.1 | Bullitt | Fecal Coliform | 4th |
| Chenoweth Run into Floyds Fork | 0.0 to 5.2 | Jefferson | Fecal Coliform | 4th |
| Chenoweth Run into Floyds Fork | 5.2 to 9.2 | Jefferson | Fecal Coliform | 4th |
| Currys Fork into Floyds Fork | 0.0 to 4.8 | Oldham | Fecal Coliform | 4th |
| Floyds Fork into Salt River | 0.0 to 11.6 | Bullitt | Fecal Coliform | 4th |
| Floyds Fork into Salt River | 11.6 to 24.2 | Jefferson | Fecal Coliform | 4th |
| Floyds Fork into Salt River | 24.2 to 34.1 | Jefferson | Fecal Coliform | 4th |
| Long Run into Floyds Fork | 0.0 to 10.0 | Jefferson | Fecal Coliform | 4th |
| Pennsylvania Run into Floyds Fork | 0.0 to 3.3 | Jefferson | Fecal Coliform | 4th |
| Pope Lick Creek into Floyds Fork | 2.0 to 5.2 | Jefferson | Fecal Coliform | 4th |
| UT to Brooks Run into Floyds Fork | 0.0 to 2.0 | Bullitt | Fecal Coliform | 4th |

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

Chapter 8. TMDLs Planned for Public Notice During 2011

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|--------------|--|-------------|---------|
| South Elkhorn Creek into | | | Fecal | |
| Elkhorn Creek | 34.5 to 52.7 | Fayette | Coliform | 1st |
| South Elkhorn Creek into | | | Fecal | |
| Elkhorn Creek | 5.0 to 16.6 | Woodford | Coliform | 1st |
| South Elkhorn Creek into | 210 10 1010 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Fecal | 150 |
| Elkhorn Creek | 6.6 to 34.5 | Woodford | Coliform | 1st |
| Steeles Run into South | 0.0 10 34.3 | Woodfold | Fecal | 180 |
| Elkhorn Creek | 0.0 to 4.2 | Fayette | Coliform | 1st |
| | 0.0 to 4.2 | Tayette | | 150 |
| Town Branch Creek into | 0.04- 0.2 | E | Fecal | 1 -4 |
| South Elkhorn Creek | 0.0 to 9.2 | Fayette | Coliform | 1st |
| Town Branch Creek into | | | Fecal | |
| South Elkhorn Creek | 10.6 to 12.1 | Fayette | Coliform | 1st |
| Town Branch Creek into | | | Fecal | |
| South Elkhorn Creek | 9.2 to 10.6 | Fayette | Coliform | 1st |
| Wolf Run into Town | | | Fecal | |
| Branch | 0.0 to 4.1 | Fayette | Coliform | 1st |
| Bacon Creek into Nolin | | | Fecal | |
| River | 0.2 to 17.2 | Hart | Coliform | 1st |
| Bacon Creek into Nolin | | | Fecal | |
| River | 17.2 to 27.1 | Hart | Coliform | 1st |
| Bacon Creek into Nolin | | | Fecal | |
| River | 27.1 to 32.6 | Hart | Coliform | 1st |
| Houston Creek into | | | Escherichia | |
| Stoner Creek | 0.0 to 9.0 | Bourbon | coli | 2nd |
| Little Stoner Creek into | | | Escherichia | |
| Stoner Creek | 0.0 to 5.0 | Clark | coli | 2nd |
| Strodes Creek into Stoner | | | Escherichia | |
| Creek | 2.7 to 19.3 | Bourbon | coli | 2nd |
| Stoner Creek into Licking | | | Fecal | |
| River | 0.0 to 5.5 | Bourbon | Coliform | 2nd |
| Stoner Creek into Licking | | D 1 | Fecal | 2 1 |
| River | 5.5 to 15.0 | Bourbon | Coliform | 2nd |
| C D | 0.04.20 | G 44 | Fecal | 2.1 |
| Cane Run | 0.0 to 3.0 | Scott | Coliform | 3rd |
| Come Done | 2.04-0.6 | C 44 | Fecal | 21 |
| Cane Run | 3.0 to 9.6 | Scott | Coliform | 3rd |
| Como Dum | 0.6 to 17.4 | Farrette | Fecal | 2md |
| Cane Run | 9.6 to 17.4 | Fayette | Coliform | 3rd |
| LIT to Cone Pun | 0.0 to 2.5 | Scott | Fecal | 2rd |
| UT to Cane Run | 0.0 to 3.5 | Scott | Coliform | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|-------------|----------|-------------|-------------|
| Beaver Creek into Levisa | | | | |
| Fork | 0.0 to 7.1 | Floyd | Iron | 3rd |
| Buck Branch into Beaver | | , | | |
| Creek | 0.0 to 2.8 | Floyd | Iron | 3rd |
| Caleb Fork into Left Fork | | - 7 - | | |
| Beaver Creek | 0.0 to 1.2 | Floyd | Iron | 3rd |
| Frasure Creek into Left | | | | |
| Fork Beaver Creek | 0.0 to 5.2 | Floyd | Iron | 3rd |
| Jones Fk. into R. Fk. | | | | |
| Beaver Cr. | 0.0 to 9.9 | Knott | Iron | 3rd |
| Left Fork Beaver Creek | | | | |
| into Beaver Creek | 0.0 to 11.4 | Floyd | Iron | 3rd |
| Simpson Branch into Left | | j | | |
| Fork Beaver Creek | 0.0 to 1.8 | Floyd | Iron | 3rd |
| Right Fk. Beaver Cr. into | | | | |
| Beaver Cr. | 0.0 to 17.4 | Floyd | рН | 3rd |
| Spewing Camp Branch | | - 7 - | <u> </u> | |
| into Left Fork Beaver | | | | |
| Creek | 0.0 to 3.1 | Floyd | рН | 3rd |
| Arkansas Creek into | | | Specific | |
| Beaver Creek | 0.0 to 3.6 | Floyd | Conductance | 3rd |
| Arnold Fk into R. Fk. | | , | Specific | |
| Beaver Cr. | 0.0 to 2.6 | Knott | Conductance | 3rd |
| Beaver Creek into Levisa | | | Specific | |
| Fork | 0.0 to 7.1 | Floyd | Conductance | 3rd |
| Bill D Br. into R. Fk. | | <u>,</u> | Specific | |
| Beaver Cr. | 0.0 to 1.1 | Knott | Conductance | 3rd |
| Bill D Br. into R. Fk. | | | Specific | |
| Beaver Cr. | 1.1 to 2.9 | Knott | Conductance | 3rd |
| Buck Branch into Beaver | | | Specific | |
| Creek | 0.0 to 2.8 | Floyd | Conductance | 3rd |
| Caleb Fork into Left Fork | | | Specific | |
| Beaver Creek | 0.0 to 1.2 | Floyd | Conductance | 3rd |
| Caney Fork into Right | | | Specific | |
| Fork Beaver Creek | 0.0 to 7.5 | Knott | Conductance | 3rd |
| Caney Fork into Right | | | Specific | |
| Fork Beaver Creek | 7.5 to 11.3 | Knott | Conductance | 3rd |
| Clear Creek into Left | | | Specific | |
| Fork Beaver Creek | 0.0 to 4.9 | Floyd | Conductance | 3rd |
| Dry Cr. into R. Fk. | | • | Specific | |
| Beaver Cr. | 0.0 to 4.0 | Knott | Conductance | 3rd |
| Frasure Creek into Left | 0.0 10 7.0 | Tanott | Specific | <i>5</i> 10 |
| Fork Beaver Creek | 0.0 to 5.2 | Floyd | Conductance | 3rd |
| I OIR Deaver Creek | 0.0 10 3.4 | Tioyu | Conductance | Jiu |

| Stream Name | River Miles | County | Pollutant | Quarter |
|--------------------------------------|--------------|---------|----------------------|---------|
| Goose Cr. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 2.2 | Floyd | Conductance | 3rd |
| Jacks Creek into Left | | | Specific | |
| Fork Beaver Creek | 0.0 to 4.4 | Floyd | Conductance | 3rd |
| Johns Br. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 1.6 | Floyd | Conductance | 3rd |
| Jones Fk. into R. Fk. | | , | Specific | |
| Beaver Cr. | 0.0 to 9.9 | Knott | Conductance | 3rd |
| Left Fork Beaver Creek | | | Specific | |
| into Beaver Creek | 0.0 to 11.4 | Floyd | Conductance | 3rd |
| Left Fork Beaver Creek | 11.4 to | | Specific | |
| into Beaver Creek | 13.55 | Floyd | Conductance | 3rd |
| Left Fork Beaver Creek | 13.55 to | , | Specific | |
| into Beaver Creek | 18.7 | Floyd | Conductance | 3rd |
| | 10.7 | Tioyu | | Sid |
| Left Fork Beaver Creek | 107 +0 206 | Elavid | Specific | 2md |
| into Beaver Creek | 18.7 to 28.6 | Floyd | Conductance | 3rd |
| Otter Creek into Left | | | Specific | |
| Fork Beaver Creek | 0.0 to 0.5 | Floyd | Conductance | 3rd |
| Puncheon Br. into R. Fk. | 0.04.26 | T7 | Specific | 2 1 |
| Beaver Cr. | 0.0 to 3.6 | Knott | Conductance | 3rd |
| Right Fk. Beaver Cr. into | 0.040 17.4 | Eloud | Specific | 2d |
| Beaver Cr. | 0.0 to 17.4 | Floyd | Conductance | 3rd |
| Right Fk. Beaver Cr. into Beaver Cr. | 17.4 to 23.3 | Florid | Specific Conductance | 3rd |
| Right Fk. Beaver Cr. into | 17.4 to 25.5 | Floyd | Specific | 310 |
| Beaver Cr. | 23.3 to 30.3 | Knott | Conductance | 3rd |
| Right Fk. Beaver Cr. into | 25.5 to 50.5 | Knott | Specific | Jiu |
| Beaver Cr. | 30.3 to 33.4 | Knott | Conductance | 3rd |
| Right Fk. Beaver Cr. into | 30.3 to 33.1 | Knott | Specific | Sid |
| Beaver Cr. | 33.4 to 37.9 | Knott | Conductance | 3rd |
| Righthand Fork into Bill | | | Specific | |
| D Branch | 0.0 to 2.0 | Knott | Conductance | 3rd |
| Rock Fk. into R Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 7.0 | Floyd | Conductance | 3rd |
| Salisbury Br. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 1.8 | Knott | Conductance | 3rd |
| Salt Lick Cr. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 6.8 | Floyd | Conductance | 3rd |
| Simpson Branch into Left | | | Specific | |
| Fork Beaver Creek | 0.0 to 1.8 | Floyd | Conductance | 3rd |
| Sizemore Branch into | | | Specific | |
| | 0.0 to 2.0 | Floyd | Conductance | 3rd |
| Left Fork Beaver Creek | 0.0 to 2.0 | 1 10 yu | Conductance | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|-------------|--------|-------------|---------|
| Spewing Camp Branch | | | | |
| into Left Fork Beaver | | | Specific | |
| Creek | 0.0 to 3.1 | Floyd | Conductance | 3rd |
| | | - | Specific | |
| Spurlock Creek | 0.0 to 0.6 | Floyd | Conductance | 3rd |
| _ | | - | Specific | |
| Spurlock Creek | 0.6 to 4.0 | Floyd | Conductance | 3rd |
| Steele Cr. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 2.4 | Floyd | Conductance | 3rd |
| Stephens Br. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 2.6 | Floyd | Conductance | 3rd |
| Turkey Cr. into R. Fk. | | | Specific | |
| Beaver Cr. | 0.0 to 5.9 | Floyd | Conductance | 3rd |
| | | | Total | |
| Arkansas Creek into | | | Dissolved | |
| Beaver Creek | 0.0 to 3.6 | Floyd | Solids | 3rd |
| | | | Total | |
| Arnold Fk into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 2.6 | Knott | Solids | 3rd |
| | | | Total | |
| Bill D Br. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 1.1 | Knott | Solids | 3rd |
| | | | Total | |
| Bill D Br. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 1.1 to 2.9 | Knott | Solids | 3rd |
| | | | Total | |
| Caleb Fork into Left Fork | | | Dissolved | |
| Beaver Creek | 0.0 to 1.2 | Floyd | Solids | 3rd |
| | | | Total | |
| Caney Fork into Right | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 7.5 | Knott | Solids | 3rd |
| | | | Total | |
| Caney Fork into Right | | | Dissolved | |
| Fork Beaver Creek | 7.5 to 11.3 | Knott | Solids | 3rd |
| | | | Total | |
| Clear Creek into Left | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 4.9 | Floyd | Solids | 3rd |
| | | | Total | |
| Dry Cr. into R. Fk. | | | Dissolved | 3rd |
| Beaver Cr. | 0.0 to 4.0 | Knott | Solids | |
| | | | Total | |
| Frasure Creek into Left | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 5.2 | Floyd | Solids | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|--------------|--------|-----------|---------|
| | | · | Total | |
| Goose Cr. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 2.2 | Floyd | Solids | 3rd |
| | | | Total | |
| Jacks Creek into Left | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 4.4 | Floyd | Solids | 3rd |
| | | | Total | |
| Johns Br. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 1.6 | Floyd | Solids | 3rd |
| | | | Total | |
| Jones Fk. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 9.9 | Knott | Solids | 3rd |
| | | | Total | |
| Left Fork Beaver Creek | | | Dissolved | |
| into Beaver Creek | 0.0 to 11.4 | Floyd | Solids | 3rd |
| | | | Total | |
| Left Fork Beaver Creek | | | Dissolved | |
| into Beaver Creek | 18.7 to 28.6 | Floyd | Solids | 3rd |
| | | | Total | |
| Otter Creek into Left | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 0.5 | Floyd | Solids | 3rd |
| | | | Total | |
| Puncheon Br. into R. Fk. | | | Dissolved | |
| Beaver Cr. | 0.0 to 3.6 | Knott | Solids | 3rd |
| Right Fk. Beaver Cr. into | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 17.4 | Floyd | Solids | 3rd |
| Right Fk. Beaver Cr. into | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 17.4 to 23.3 | Floyd | Solids | 3rd |
| Right Fk. Beaver Cr. into | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 23.3 to 30.3 | Knott | Solids | 3rd |
| Right Fk. Beaver Cr. into | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 30.3 to 33.4 | Knott | Solids | 3rd |
| Right Fk. Beaver Cr. into | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 33.4 to 37.9 | Knott | Solids | 3rd |
| Righthand Fork into Bill | | | Total | |
| D Branch | | | Dissolved | |
| | 0.0 to 2.0 | Knott | Solids | 3rd |
| Rock Fk. into R Fk. | 2.2 2.0 | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 7.0 | Floyd | Solids | 3rd |
| L | U.0 to 7.0 | rioya | Solids | 3ra |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|-------------|---------|---------------|---------|
| Salisbury Br. into R. Fk. | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 1.8 | Knott | Solids | 3rd |
| | | | Total | |
| Simpson Branch into Left | | | Dissolved | |
| Fork Beaver Creek | 0.0 to 1.8 | Floyd | Solids | 3rd |
| | | | Total | |
| Sizemore Branch into | | | Dissolved | |
| Left Fork Beaver Creek | 0.0 to 2.0 | Floyd | Solids | 3rd |
| Spewing Camp Branch | | | Total | |
| into Left Fork Beaver | | | Dissolved | |
| Creek | 0.0 to 3.1 | Floyd | Solids | 3rd |
| | | | Total | |
| | | | Dissolved | |
| Spurlock Creek | 0.0 to 0.6 | Floyd | Solids | 3rd |
| | | | Total | |
| | | | Dissolved | |
| Spurlock Creek | 0.6 to 4.0 | Floyd | Solids | 3rd |
| Steele Cr. into R. Fk. | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 2.4 | Floyd | Solids | 3rd |
| Stephens Br. into R. Fk. | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 2.6 | Floyd | Solids | 3rd |
| Wilson Cr. into R. Fk. | | | Total | |
| Beaver Cr. | | | Dissolved | |
| | 0.0 to 2.9 | Floyd | Solids | 3rd |
| Hardwick Creek into Red | | | Fecal | |
| River | 0.0 to 3.2 | Powell | Coliform | 3rd |
| Cane Run into North | | | Fecal | |
| Elkhorn Creek | 3.0 to 9.6 | Scott | Coliform | 3rd |
| Cane Run into North | | | Fecal | |
| Elkhorn Creek | 9.6 to 17.4 | Fayette | Coliform | 3rd |
| Cane Run into North | 710 00 2111 | | Fecal | |
| Elkhorn Creek | 0.0 to 3.0 | Scott | Coliform | 3rd |
| Brush Fork into Long | | | | |
| Falls Creek | 0.0 to 4.4 | McLean | рН | 3rd |
| | | | - | |
| Burnett Fork into North | 0.042.1.2 | Davissa | Nitrogen | 2md |
| Fork Panther Creek | 0.0 to 1.3 | Daviess | (total) | 3rd |
| Burnett Fork into North | | | Phosphorus | |
| Fork Panther Creek | 0.0 to 1.3 | Daviess | (total) | 3rd |
| | | | Nutrient/ | |
| Cane Run into South | | | Eutrophicatio | |
| Fork Panther Creek | 0.0 to 3.7 | Daviess | n Biological | 3rd |
| 1 OIK I WHITE CITCK | 0.0 10 3.7 | Durios | ii Diologicai | Jiu |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|--------------|---------|---------------|---------|
| | | | Indicators | |
| | | | | |
| | | | | |
| Crooked Creek into | | | Fecal | |
| Panther Creek | 0.0 to 3.0 | Daviess | Coliform | 3rd |
| Deserter Creek into South | | | Fecal | |
| Fork Panther Creek | 0.0 to 3.1 | Daviess | Coliform | 3rd |
| Ford Ditch into Rhodes | | | Phosphorus | |
| Creek | 0.0 to 3.3 | Daviess | (total) | 3rd |
| | | | Total | |
| Ford Ditch into Rhodes | | | Dissolved | |
| Creek | 0.0 to 3.3 | Daviess | Solids | 3rd |
| Knoblick Creek into | | | Fecal | |
| Panther Creek | 0.0 to 2.1 | Daviess | Coliform | 3rd |
| Long Falls Creek into | | | Fecal | |
| Green River Reservoir | 0.0 to 7.6 | McLean | Coliform | 3rd |
| | | | Total | |
| Long Falls Creek into | | | Dissolved | |
| Green River Reservoir | 0.0 to 7.6 | McLean | Solids | 3rd |
| Long Falls Creek into | | | Fecal | |
| Green River Reservoir | 7.6 to 11.8 | McLean | Coliform | 3rd |
| Long Falls Creek into | | | | |
| Green River Reservoir | 7.6 to 11.8 | McLean | pН | 3rd |
| | | | Total | |
| Long Falls Creek into | | | Dissolved | |
| Green River Reservoir | 7.6 to 11.8 | McLean | Solids | 3rd |
| North Fork Panther Cr | | | Phosphorus | |
| into Panther Creek | 9.7 to 12.7 | Daviess | (total) | 3rd |
| North Fork Panther Cr | | | Fecal | |
| into Panther Creek | 4.2 to 9.1 | Daviess | Coliform | 3rd |
| Panther Creek into Green | | | Phosphorus | |
| River | 17.9 to 20.4 | Daviess | (total) | 3rd |
| Panther Creek into Green | | | Fecal | |
| River | 3.0 to 5.9 | Daviess | Coliform | 3rd |
| Rhodes Creek into | | | Phosphorus | |
| Panther Creek | 0.0 to 2.2 | Daviess | (total) | 3rd |
| Rhodes Creek into | | | Phosphorus | |
| Panther Creek | 2.2 to 7.5 | Daviess | (total) | 3rd |
| | | | Nutrient/ | |
| District Court 1 | | | Eutrophicatio | |
| Rhodes Creek into | 22 to 75 | Daviess | n Biological | 2md |
| Panther Creek | 2.2 to 7.5 | Daviess | Indicators | 3rd |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---|--------------------|---------------------|--|---------|
| South Fork Panther Cr into Panther Creek | 0.0 to 2.4 | Daviess | Phosphorus (total) | 3rd |
| South Fork Panther Cr into Panther Creek | 0.0 to 2.4 | Daviess | Nutrient/ Eutrophicatio n Biological Indicators | 3rd |
| South Fork Panther Cr into Panther Creek | 0.0 to 2.4 | Daviess | Fecal Coliform | 3rd |
| South Fork Panther Cr into Panther Creek | 0.0 to 2.4 | Daviess | Copper | 3rd |
| South Fork Panther Cr into Panther Creek | 9.55 to 14.0 | Daviess | Fecal Coliform | 3rd |
| South Fork Panther Cr into Panther Creek | 9.55 to 14.0 | Daviess | Phosphorus (total) | 3rd |
| South Fork Panther Cr into Panther Creek | 14.0 to 18.3 | Daviess | Fecal Coliform | 3rd |
| Sweepstakes Branch into South Fork Panther Creek | 1.0 to 4.0 | Daviess | Nutrient/ Eutrophicatio n Biological Indicators | 3rd |
| Wolf Branch Ditch into Rhodes Creek | 0.0 to 4.1 | Daviess | Nutrient/ Eutrophicatio n Biological Indicators | 3rd |
| Wolf Branch Ditch into Rhodes Creek | 0.0 to 4.1 | Daviess | Phosphorus (total) | 3rd |
| Ohio River 317.2 to 319.4 | 317.6 to 319.7 | Boyd | Escherichia coli | 4th |
| Ohio River 319.4 to 340.8 | 319.7 to 341.05 | Boyd, Greenup | Escherichia coli | 4th |
| Ohio River 356.6 to 377.7 | 356.8 to 377.65 | Greenup, Lewis | Escherichia coli | 4th |
| Ohio River 382.9 to 388.0 | 382.85 to 388.0 | Lewis | Escherichia coli | 4th |
| Ohio River 464.5 to 465.2 | 464.1 to 464.8 | Campbell | Escherichia coli | 4th |
| Ohio River 469.3 to 471.4 | 468.85 to 471.0 | Campbell, Kenton | Escherichia coli | 4th |
| Ohio River 471.4 to 475.1 | 471.0 to 474.65 | Kenton | Escherichia coli | 4th |

| Ohio River 475.1 to 477.6 474.65 to 477.1 to 487.4 Kenton, Boone Escherichia coli 4th Ohio River 477.6 to 488.0 487.4 Boone coli 4th Ohio River 603.3 to 608.1 602.1 to 606.6 Escherichia coli 4th Ohio River 608.1 to 609.2 606.6 to 607.65 Escherichia coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Meade, Breckinridge, 716.8 Escherichia coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 to Breckinridge, Hancock Escherichia coli 4th Ohio River 719.5 to 716.8 to Escherichia Escherichia |
|---|
| Ohio River 477.6 to 477.1 to Escherichia 488.0 487.4 Boone coli 4th Ohio River 603.3 to 602.1 to Escherichia 608.1 Escherichia 608.1 606.6 Jefferson coli 4th Ohio River 608.1 to 606.6 to Escherichia coli 4th Ohio River 609.2 to 607.65 to Escherichia 613.3 Jefferson coli 4th Ohio River 614.9 to 613.3 to Hardin, Escherichia 4th Ohio River 683.0 680.9 Meade coli 4th Ohio River 683.0 to 680.9 to Breckinridge, Escherichia 719.5 716.8 Hancock coli 4th |
| 488.0 487.4 Boone coli 4th Ohio River 603.3 to 608.1 602.1 to 606.6 Escherichia coli 4th Ohio River 608.1 to 609.2 606.6 to 607.65 Escherichia coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Escherichia coli Escherichia coli Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Escherichia coli 4th |
| Ohio River 603.3 to 608.1 602.1 to 606.6 Jefferson Escherichia coli 4th Ohio River 608.1 to 609.2 606.6 to 607.65 Jefferson Escherichia coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Jefferson Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Hardin, Hardin, Escherichia coli Escherichia coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| 608.1 606.6 Jefferson coli 4th Ohio River 608.1 to 609.2 607.65 Jefferson coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Escherichia coli Escherichia 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| Ohio River 608.1 to 609.2 606.6 to 607.65 Escherichia coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Escherichia coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| 609.2 607.65 Jefferson coli 4th Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Escherichia coli Escherichia 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| Ohio River 609.2 to 614.9 607.65 to 613.3 Escherichia coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardin, Escherichia coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| 614.9 613.3 Jefferson coli 4th Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Hardi |
| Ohio River 614.9 to 613.3 to Hardin, Escherichia 683.0 Meade coli 4th Ohio River 683.0 to 719.5 Preckinridge, Hancock Coli 4th |
| Ohio River 614.9 to 683.0 613.3 to 680.9 Hardin, Meade Escherichia coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| 683.0 680.9 Meade coli 4th Ohio River 683.0 to 719.5 680.9 to 716.8 Breckinridge, Hancock Escherichia coli 4th |
| Ohio River 683.0 to 719.5 Meade, Breckinridge, Coli Hancock Meade, Breckinridge, Coli 4th |
| Ohio River 683.0 to 680.9 to 719.5 Breckinridge, Escherichia coli 4th |
| Ohio River 683.0 to 680.9 to 719.5 Breckinridge, Escherichia coli 4th |
| 719.5 716.8 Hancock coli 4th |
| |
| Ohio River 719.5 to 716.8 to Escherichia |
| |
| 735.7 732.8 Hancock coli 4th |
| Ohio River 735.7 to 732.8 to Hancock, Escherichia |
| 756.4 753.1 Daviess coli 4th |
| Ohio River 756.4 to 753.1 to Escherichia |
| 760.6 757.0 Daviess coli 4th |
| |
| Ohio River 760.6 to 757.0 to Daviess, Escherichia |
| 789.3 785.55 Henderson coli 4th |
| Ohio River 789.3 to 785.55 to Escherichia |
| 792.1 788.4 Henderson coli 4th |
| Ohio River 792.1 to 788.4 to Escherichia |
| 793.2 789.3 Henderson coli 4th |
| Ohio River 793.2 to 789.3 to Escherichia |
| 798.4 794.45 Henderson coli 4th |
| Ohio River 798.4 to 794.45 to Escherichia |
| 799.8 795.85 Henderson coli 4th |
| Ohio River 799.8 to 795.85 to Escherichia |
| 802.9 789.9 Henderson coli 4th |
| Ohio River 802.9 to 789.9 to Escherichia |
| 820.1 816.25 Henderson coli 4th |
| Ohio River 820.1 to 816.25 to Escherichia |
| 826.4 822.5 Henderson coli 4th |

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|--------------|------------|-------------|---------|
| | | | | |
| Ohio River 826.4 to | 822.5 to | Henderson, | Escherichia | |
| 847.3 | 843.1 | Union | coli | 4th |
| Ohio River 853.4 to | 849.35 to | | Escherichia | |
| 857.6 | 853.3 | Union | coli | 4th |
| Ohio River 862.1 to | 857.8 to | | Escherichia | |
| 872.8 | 868.3 | Union | coli | 4th |
| Ohio River 878.2 to | 873.25 to | | Escherichia | |
| 882.9 | 877.9 | Crittenden | coli | 4th |
| Ohio River 894.6 to | 889.45 to | | Escherichia | |
| 910.3 | 904.85 | Livingston | coli | 4th |
| Ohio River 920.5 to | 914.9 to | | Escherichia | |
| 925.8 | 919.85 | Livingston | coli | 4th |
| | | | Fecal | |
| Eagle Creek | 15.3 to 28.5 | Owen | Coliform | 4th |
| | | | Fecal | |
| Cox Creek into Salt River | 0.0 to 4.7 | Bullitt | Coliform | 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.

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Chapter 9. Kentucky River Basin Unit 303(d) List

The 303(d) List begins with Kentucky River BMU in Chapter 9 and continues for the other BMUs and the Ohio River Mainstem through Chapter 14. These chapters are presented with headings so the reader will know the BMU, subbasin (if any) and whether streams, springs, ponds, or lakes/reservoirs are listed on that page.

9.1 Kentucky River Basin Streams

Arnolds Creek 0.0 to 10.8 Grant County

Into Ten Mile Creek Segment Length: 10.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 a Watershed Plan for the Ten Mile Creek watershed, pursue straight pipe abatement, and perform post BMP water quality success monitoring.

Bailey Run 0.0 to 2.9 Anderson County
Into Kentucky River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Unspecified Urban Stormwater

Balls Branch 0.0 to 4.9 Boyle County

Into Clarks Run Segment Length: 4.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Wet Weather Discharges (Point Source and

Combination of Stormwater, SSO or CSO)

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Balls Fork 8.3 to 11.3 Knott County

Into Troublesome Creek Segment Length: 3.0

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

development Erosion and Sedimentation; Surface Mining

Baughman Creek 0.0 to 4.6 Lincoln County

Into Hanging Fork of Dix River Segment Length: 4.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Unrestricted Cattle Access

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Beals Run 0.0 to 1.9 Woodford County
Into South Elkhorn Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction);

Livestock (Grazing or Feeding Operations); Site Clearance (Land

Development or Redevelopment)

Benson Creek 0.0 to 4.6 Franklin County

Into Kentucky River Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Benson Creek 4.6 to 6.7 Franklin County
Into Kentucky River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Highway/Road/Bridge Runoff (Non-construction Related); On-site Treatment Systems (Septic Systems and Similar Decentralized

Systems)

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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Benson Creek 6.7 to 13.4 Franklin County
Into Kentucky River Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Big Caney Creek 0.3 to 8.0 Breathitt County
Into Quicksand Creek Segment Length: 7.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

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

Big Twin Creek 0.0 to 3.8 Owen County

Into Kentucky River Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Big Willard Creek 0.0 to 4.5 Perry County

Into North Fork Kentucky River Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian

> Habitat; Sand/gravel/rock Mining or Ouarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface

Mining

Black John Branch 0.0 to 0.4 **Knott County**

Into Defeated Creek Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Selenium; Specific Conductance; Total Dissolved Solids

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

Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Blair Branch 0.0 to 0.7 **Knott County**

Into Defeated Creek Segment Length: Warm Water Aquatic Habitat (Nonsupport); Primary Contact Impaired Use(s):

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface

Mining; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Blue Lick 0.0 to 4.1 Lincoln County

Into Hanging Fork of Dix River Segment Length: 4.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Agriculture; Animal Feeding Operations (NPS) Suspected Sources:

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 was awarded \$342.800 Section 319(h) Grant funds (FFY2002) to develop

comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The

Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Boone Creek 7.4 to 12.6 Fayette County

Into Kentucky River Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Bowen Creek 0.0 to 1.5 Leslie County

Into Red Bird River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Breeding Branch 0.9 to 4.2 Knott County

Into Breeding Creek (Carr Fork Reservoir) Segment Length: 3.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface

Mining; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Brush Creek 0.0 to 6.6 Powell County

Into Red River Segment Length: 6.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Buckhorn Creek 0.0 to 2.4 Breathitt County

Into Troublesome Creek Segment Length: 2.4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Buckhorn Creek 2.4 to 6.8 Breathitt County
Into Troublesome Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Bull Creek 0.0 to 2.0 Knox County

Into Collins Fork Segment Length: 2.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Cane Run 0.0 to 3.0 Scott County

Into North Elkhorn Creek Segment Length: 3.0 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

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

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, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Cane Run 3.0 to 9.6 Scott County

Into North Elkhorn Creek Segment Length: 6.6 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Specific Conductance

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction);

Landfills; Livestock (Grazing or Feeding Operations); 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, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Cane Run 9.6 to 17.4 Fayette County

Into North Elkhorn Creek Segment Length: 7.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

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, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Caney Creek 0.0 to 1.5 Owen County

Into Eagle Creek Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Carr Fork 6.2 to 8.9 Knott County

Into Carr Fork Reservoir Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance; Total Suspended Solids (TSS)

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Carr Fork 15.6 to 26.4 Knott County

Into Carr Fork Reservoir Segment Length: 10.8 Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Specific Conductance; Total

Suspended Solids (TSS)

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

Unknown; Surface Mining; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Cat Creek 0.0 to 8.0 Powell County

Into Red River Segment Length: 8.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Cedar Creek 0.0 to 9.4 Owen County

Into Kentucky River Segment Length: 9.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge

Runoff (Non-construction Related); Managed Pasture Grazing;

Silviculture Activities

Chambers Fork 0.7 to 1.1 Wolfe County

Into Baptist Fork Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Clarks Run 0.7 to 4.4 Boyle County

Into Dix River (Herrington Lake)

Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Nutrient/Eutrophication

Biological Indicators; Organic Enrichment (Sewage) Biological

Indicators; Sedimentation/Siltation

Suspected Sources: Municipal Point Source Discharges; Source Unknown; Streambank

Modifications/destabilization; Unrestricted Cattle Access; Urban

Runoff/Storm Sewers

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.7 to 4.0.

Clarks Run 4.4 to 6.7 Boyle County

Into Dix River (Herrington Lake) Segment Length: 2.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Municipal Point Source Discharges; Urban

Runoff/Storm Sewers

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.0 to 6.3.

Clarks Run 6.7 to 14.3 Boyle County

Into Dix River (Herrington Lake)

Segment Length: 7.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Source Unknown; Streambank

Modifications/destabilization; Urban Runoff/Storm Sewers

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 6.3 to 14.3.

Collins Fork 2.4 to 6.3 Clay County

Into Goose Creek Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Cope Fork 0.0 to 1.9 Breathitt County

Into Frozen Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Non-irrigated Crop Production; Silviculture Activities; Streambank

Modifications/destabilization; Surface Mining

Copper Creek 0.0 to 2.2 Lincoln County

Into Dix River Segment Length: 2.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Unrestricted Cattle Access

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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Crane Creek 0.0 to 5.4 Clay County

Into South Fork Kentucky River Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

and Sedimentation

Crystal Creek 0.0 to 2.3 Lee County

Into Kentucky River Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Landfills

Cutshin Creek 9.7 to 10.7 Leslie County

Into Middle Fork Kentucky River Segment Length: 1.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Surface Mining

David Fork 0.0 to 1.65 Fayette County

Into North Elkhorn Creek Segment Length: 1.65

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): 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 2010.

<u>Defeated Creek 0.5 to 1.6</u> Knott County

Into Carr Creek Reservoir Segment Length: 1.1

Impaired Use(s): Primary Contact Recreation (Nonsupport); Secondary Contact Recreation

(Nonsupport); Warm Water Aquatic Habitat (Nonsupport); Cold Water

Aquatic Habitat Water (Nonsupport)

Pollutant(s): Fecal coliform, Selenium, Specific Conductance, Total Dissolved Solids

Suspected Sources: Mountaintop Mining, Source Unknown, Surface Mining, Unspecified

Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.4 to 1.6.

Dix River 33.3 to 36.1 Garrard County

Into Kentucky River Segment Length: 2.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Dix River 36.1 to 43.8 Garrard County

Into Kentucky River Segment Length: 7.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Dix River 64.3 to 73.35 Lincoln County

Into Kentucky River Segment Length: 9.05

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Dix River 73.35 to 78.7Rockcastle CountyInto Kentucky RiverSegment Length: 5.35

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop a comprehensive Watershed Based Plan for the Clark's Run and Hanging Fork watershed. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Drakes Creek 1.15 to 7.3 Lincoln County

Into Dix River (Herrington Lake) Segment Length: 6.15

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Dry Run 0.0 to 3.1 Scott County

Into North Fork Elkhorn Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

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.

<u>Duck Fork 0.0 to 4.8</u> Lee County

Into Sturgeon Creek Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Eagle Creek 31.6 to 36.5 Grant County

Into Kentucky River Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan for the Ten Mile Creek watershed, conduct straight pipe abatement, and conduct post BMP water quality success monitoring.

Eagle Creek 50.8 to 58.5 Grant County

Into Kentucky River Segment Length: 7.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or

Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan for the Ten Mile Creek watershed, conduct straight pipe abatement, and conduct post BMP water quality success monitoring.

East Fork Otter Creek 0.0 to 2.7 Madison County

Into Kentucky River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

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

Grazing

East Hickman Creek 4.2 to 10.2 Fayette County

Into Kentucky River Segment Length: 6.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators Pollutant(s): Livestock (Grazing or Feeding Operations); Unspecified Urban Suspected Sources:

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Elk Creek 0.0 to 1.6 Owen County

Into Eagle Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Flat Creek 0.0 to 7.1 Franklin County

Into Kentucky River Segment Length: 7.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

Flaxpatch Branch 0.1 to 2.6 **Knott County**

Into Carr Fork Reservoir Segment Length: Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Frog Branch 0.0 to 3.4 Lincoln County

Into Hanging Fork of Dix River Segment Length: 3.4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Frozen Creek 0.0 to 13.9 Breathitt County

Into North Fork Kentucky River Segment Length: 13.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Sedimentation

Gilberts Creek 0.0 to 1.25 Lincoln County

Into Dix River (Herrington Lake) Segment Length: 1.25

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Goose Creek 0.0 to 1.85 Shelby County

Into Benson Creek Segment Length: 1.85

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; 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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Goose Creek 1.85 to 4.2 Shelby County

Into Benson Creek Segment Length: 2.35

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Goose Creek 0.0 to 8.3 Clay County

Into South Fork Kentucky River Segment Length: 8.3

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

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

Decentralized Systems)

Grapevine Creek 0.0 to 1.1 Perry County

Into North Fork Kentucky River Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

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

Hanging Fork of Dix River 0.0 to 15.85 Lincoln County

Into Dix River Segment Length: 15.85

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); 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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Hanging Fork of Dix River 15.85 to 24.15 Lincoln County

Into Dix River Segment Length: 8.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Hanging Fork of Dix River 24.15 to 27.6 Lincoln County

Into Dix River Segment Length: 3.45

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Municipal Point Source Discharges; 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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Hanging Fork of Dix River 27.6 to 32.2 Lincoln County

Into Dix River Segment Length: 4.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: 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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Hardwick Creek 0.0 to 3.2 Powell County

Into Red River Segment Length: 3.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): 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 2010, and Chapter 8, Status of TMDLs Planned for Public Notice During 2011.

Harris Creek 0.0 to 6.25 Lincoln County

Into Knoblick Creek Segment Length: 6.25

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Hatton Creek 0.0 to 4.2 Powell County

Into Red River Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge area.

Hawes Fork 0.0 to 4.4 Breathitt County
Into Quicksand Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

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

Hector Branch 0.0 to 5.5 Clay County

Into Red Bird River Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Hickman Creek 0.0 to 6.0
Into Kentucky River

Jessamine County
Segment Length: 6.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 2010.

Hickman Creek 6.0 to 25.5
Into Kentucky River

Jessamine County
Segment Length: 19.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source

Discharges; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Holly Creek 0.0 to 6.2 Wolfe County

Into North Fork Kentucky River Segment Length: 6.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Source Unknown;

Streambank Modifications/destabilization; Surface Mining

Horse Creek 0.0 to 8.3 Clay County

Into Goose Creek Segment Length: 8.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

<u>Indian Creek 2.6 to 7.8</u> Menifee County

Into Red River Segment Length: 5.2

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface

Mining

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

<u>Irishman Creek 0.0 to 4.3</u> Knott County

Into Carr Fork Reservoir Segment Length: 4.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Johnson Fork 0.0 to 0.5 Wolfe County

Into Lacy Creek Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing;

Petroleum/natural Gas Production Activities (Permitted); Residential

Districts

Judy Creek 0.0 to 1.5 Powell County

Into Red River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Kentucky River 0.3 to 11.5 Owen County

Into Ohio River Segment Length: 11.2

Impaired Use(s): Fish Consumption (Nonsupport)

Pollutant(s): Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

Kentucky River 53.2 to 66.95 Franklin County

Into Ohio River Segment Length: 13.75

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Kentucky River 67.0 to 84.25 Franklin County

Into Ohio River Segment Length: 17.25

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Kentucky River 99.1 to 119.9 Jessamine County

Into Ohio River Segment Length: 20.8

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Kentucky River 121.1 to 138.5 Jessamine County

Into Ohio River Segment Length: 17.4

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Kentucky River 153.75 to 209.8 Jessamine County

Into Ohio River Segment Length: 56.05

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 154.0 to 210.0.

Knoblick Creek 0.0 to 4.8 Lincoln County

Into Hanging Fork Segment Length: 4.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Animal Feeding Operations (NPS); Unrestricted Cattle Access

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.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Lacy Creek 0.0 to 7.25 Wolfe County

Into Red River Segment Length: 7.25

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank

Modifications/destabilization; Surface Mining

<u>Laurel Creek 3.8 to 4.8</u> Clay County

Into Goose Creek Segment Length: 1.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

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

<u>Leatherwood Creek 1.55 to 3.1</u> Perry County

Into Middle Fork of Kentucky River (Buckhorn Lake) Segment Length: 1.55

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Left Fork Island Creek 0.0 to 5.0 Owsley County

Into Island Creek Segment Length: 5.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Left Fork Millstone Creek 1.6 to 2.9 Letcher County

Into Millstone Creek Segment Length: 1.3

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

Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)

Pollutant(s): pH; Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Surface Mining

Lick Creek 0.0 to 5.4 Carroll County

Into Eagle Creek Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of

Riparian Habitat; Post-development Erosion and Sedimentation;

Unspecified Urban Stormwater

Line Fork 9.1 to 11.6 Letcher County

Into Franks Creek Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Surface Mining

Line Fork 11.6 to 27.5 **Letcher County**

Into Franks Creek Segment Length: 15.9

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): 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.

Little Carr Fork 0.0 to 4.8 **Knott County**

Into Carr Fork Segment Length: 4.8 Warm Water Aquatic Habitat (Nonsupport); Primary Contact Impaired Use(s):

Recreation Water (Nonsupport)

Escherichia coli; Specific Conductance; Total Dissolved Solids Pollutant(s): Mountaintop Mining; Surface Mining; Unspecified Domestic Waste Suspected Sources:

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Little Smith Branch 0.3 to 1.4 **Knott County**

Into Smith Branch Segment Length: Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Impaired Use(s):

Recreation Water (Nonsupport)

Escherichia coli; Specific Conductance; Total Dissolved Solids Pollutant(s): Mountaintop Mining; Surface Mining; Unspecified Domestic Waste Suspected Sources:

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Little Willard Creek 0.0 to 2.5 Perry County

Into North Fork Kentucky River Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport) Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

and Sedimentation; Site Clearance (Land Development or

Redevelopment); Streambank Modifications/destabilization; Surface

Mining

Logan Creek 0.0 to 3.15 Lincoln County

Into Dix River Segment Length: 3.15

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Long Fork 0.0 to 4.6 Breathitt County
Into Buckhorn Creek Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Surface Mining

<u>Lost Creek 0.0 to 3.7</u> Breathitt County

Into Troublesome Creek Segment Length: 3.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Lost Creek 3.7 to 8.95</u> Breathitt County

Into Troublesome Creek Segment Length: 5.25

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting;

Streambank Modifications/destabilization

Lotts Creek 0.4 to 1.0 Knott County

Into Youngs Fork Segment Length: 0.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Redevelopment)

Lotts Creek 1.2 to 6.0 Perry County

Into North Fork Kentucky River Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting;

Streambank Modifications/destabilization

Lower Howard Creek 2.65 to 6.2 Clark County

Into Kentucky River Segment Length: 3.55

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown;

Upstream Impoundments (e.g., Pl-566 NRCS Structures)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Lulbegrud Creek 0.0 to 7.3</u> Clark County

Into Red River Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

Marble Creek 0.05 to 3.9 Jessamine County

Into Kentucky River Segment Length: 3.85

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Source Unknown; Streambank Modifications/destabilization

McConnell Run 0.0 to 4.4 Scott County

Into North Fork Elkhorn Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

McKinney Branch 0.0 to 1.9 Lincoln County

Into Hanging Fork of Dix River Segment Length: 1.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

Suspected Sources: Unrestricted Cattle Access

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Meadow Creek 0.5 to 3.7 Owsley County

Into South Fork Kentucky River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Crop Production

Middle Fork Kentucky River 6.45 to 12.6 Lee County

Into Kentucky River Segment Length: 6.15

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli

Suspected Sources: Agriculture; Loss of Riparian Habitat

Middle Fork, Kentucky River 61.5 to 64.2 Leslie County

Into Kentucky River Segment Length: 2.7 Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Middle Fork of Kentucky River 67.0 to 73.4 Leslie County

Into Kentucky River Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids

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

Production; Petroleum/natural Gas Activities; Rangeland Grazing; Reclamation of Inactive Mining; Source Unknown; Surface Mining

Mill Creek 0.0 to 3.3 Letcher County

Into Rockhouse Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; 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 Boyle County

Into Dix River (Herrington Lake) Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 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). More recently (FFY2002), KDOW was awarded \$342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

Moseby Branch 0.0 to 2.2 Owen County

Into Eagle Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Muddy Creek 0.0 to 20.2 Madison County

Into Kentucky River Segment Length: 20.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 6, Segments Planned for Monitoring During 2011.

Muncy Creek 2.7 to 4.7 Leslie County

Into Middle Fork of Kentucky River Segment Length: 2.0

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Sedimentation

Noland Creek 0.05 to 1.2 Estill County

Into Kentucky River Segment Length: 1.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

North Benson Creek 0.8 to 2.0 Franklin County

Into Benson Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; 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. During FFY2005, the entire Lower Kentucky River watershed was a focus area for USDA's Conservation Security Program; a program designed to reward producers for maintaining and increasing high levels of conservation standards on their farms.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

North Elkhorn Creek 44.75 to 66.0 Fayette County

Into Elkhorn Creek Segment Length: 21.25

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

North Elkhorn Creek 66.0 to 73.75 Fayette County

Into Elkhorn Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Municipal Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

North Fork North Benson Creek 0.0 to 2.2 Franklin County

Into North Benson Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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. During FFY2005, the entire Lower Kentucky River watershed was a focus area for USDA's Conservation Security Program; a program designed to reward producers for maintaining and increasing high levels of conservation standards on their farms.

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

North Fork of Kentucky River 145.5 to 147.9 Letcher County

Into Kentucky River Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification -

other than Hydromodification; Municipal Point Source Discharges; Non-irrigated Crop Production; Package Plant or Other Permitted

Small Flows Discharges; Urban Runoff/Storm Sewers

North Fork of Kentucky River 147.9 to 162.0 Letcher County

Into Kentucky River Segment Length: 14.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Silviculture Activities; Urban

Runoff/Storm Sewers

Paint Lick Creek 0.0 to 7.5 Garrard County

Into Kentucky River Segment Length: 7.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Peyton Creek 0.0 to 4.1 Lincoln County

Into Hanging Fork of Dix River Segment Length: 4.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

to implement both plans.

Suspected Sources: Animal Feeding Operations (NPS)

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 was awarded \$342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Plum Branch 0.0 to 3.9 Powell County

Into Red River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization

Polls Creek 0.0 to 4.7 Leslie County

Into Cutshin Creek Segment Length: 4.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Potter Fork 0.0 to 4.4 Letcher County

Into Boone Fork Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

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

Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Puncheon Camp Creek 0.0 to 3.2 Breathitt County

Into Middle Fork of Kentucky River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Quicksand Creek 0.0 to 17.0 Breathitt County

Into North Fork Kentucky River Segment Length: 17.0 Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Cause Unknown; Fecal Coliform; Turbidity

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Source Unknown;

Streambank Modifications/destabilization

Quicksand Creek 21.7 to 30.8 Breathitt County
Into North Fork Kentucky River Segment Length: 9.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; 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 Grant County

Into Eagle Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Red Bird River 0.0 to 15.3 Clay County

Into Kentucky River Segment Length: 15.3

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

Red Lick Creek 0.0 to 5.0 Estill County

Into Kentucky River Segment Length: 5.0

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia Coli 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 8.4.

Red River 64.1 to 67.6 Wolfe County

Into Kentucky River Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

Red River 70.0 to 83.9 Wolfe County

Into Kentucky River Segment Length: 13.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

Red River 89.5 to 93.4 Wolfe County

Into Kentucky River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

Richland Creek 0.0 to 0.8 Owen County

Into Eagle Creek Segment Length: 0.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation
Suspected Sources: Specialty Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Right Fork Lacy Creek 0.0 to 2.2 Wolfe County

Into Lacy Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Right Fork Millstone Creek 0.0 to 1.6 Letcher County

Into Left Fork Millstone Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Surface Mining

Rockhouse Creek 0.0 to 3.6 Letcher County

Into North Fork Kentucky River

Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids;

Turbidity

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian

Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sand/gravel/rock Mining or Quarries;

Silviculture Harvesting; 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 Wolfe County

Into Red River Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Salt River of Sixmile Creek 0.0 to 4.5 Henry County

Into Sixmile Creek Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Sexton Creek 0.1 to 17.2 Clay County

Into Goose Creek Segment Length: 17.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Madison County

Into Kentucky River Segment Length: 18.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Crop Production; Post-development Erosion and Sedimentation

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 11.2 to 29.8.

Smith Branch 0.7 to 2.5 Knott County

Into Carr Fork (Carr Fork Reservoir) Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Snow Creek 0.0 to 3.9 Powell County

Into Lulbegrud Creek Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-

development Erosion and Sedimentation

South Elkhorn Creek 5.05 to 16.6 Franklin County

Into Elkhorn Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Chlorine; Fecal Coliform; Sedimentation/Siltation; Total Dissolved

Solids

Suspected Sources: Agriculture; Erosion from Derelict Land (Barren Land); Loss of

Riparian Habitat; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Non-irrigated Crop Production;

Package Plant or Other Permitted Small Flows Discharges;

Sediment Resuspension (Clean Sediment)

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 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.0 to 16.6.

South Elkhorn Creek 16.6 to 34.5 Woodford County

Into Elkhorn Creek

Segment Length: 17.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Chlorine; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of

Riparian Habitat; Managed Pasture Grazing; Manure Runoff;

Municipal Point Source Discharges; Non-irrigated Crop Production;

Rangeland Grazing; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

South Elkhorn Creek 34.5 to 52.7 Woodford County

Into Elkhorn Creek

Segment Length: 18.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Chlorine; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification;

Highway/Road/Bridge Runoff (Non-construction Related); Loss of

Riparian Habitat; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

South Fork Kentucky River 11.75 to 18.9 Owsley County

Into Kentucky River Segment Length: 7.15

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

South Fork Quicksand Creek 0.0 to 16.9 Breathitt County

Into Quicksand Creek Segment Length: 16.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Loss of Riparian Habitat; Petroleum/natural Gas Production

Activities (Permitted); Surface Mining

Spears Creek 1.0 to 6.2 Boyle County

Into Herrington Lake (Mocks Branch)

Segment Length: 5.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

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

Unknown; 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). More recently (FFY2002), KDOW was awarded \$342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

The river miles for this segment have been changed to reflect backwater conditions from Herrington Lake. This segment was formerly 0.1 to 6.3.

Spring Fork 3.1 to 6.9 Breathitt County
Into Quicksand Creek Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

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

Squabble Creek 0.0 to 4.7 Perry County

Into Middle Fork of Kentucky River Segment Length: 4.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Redevelopment); Surface Mining

Station Camp Creek 0.0 to 21.3 Jackson County

Into Kentucky River Segment Length: 21.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Fayette County

Into South Elkhorn Creek Segment Length: 5.1 Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Agriculture; Manure Runoff

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs

Planned for Public Notice During 2011.

Stevens Creek 14.4 to 17.1 Owen County

Into Eagle Creek Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Stillwater Creek 0.0 to 3.5 Wolfe County

Into Red River Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

Stinnett Creek 1.3 to 4.7 Leslie County

Into Middle Fork of Kentucky River Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Residential Districts; Site Clearance (Land

Development or Redevelopment)

Sturgeon Creek 8.0 to 12.2 Lee County

Into Kentucky River Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Surface

Mining

The Kentucky Division of Abandoned Mine Lands allocated \$488,744 (2006) in federal AML funds for reclamation projects in the Sturgeon Creek watershed.

Sugar Creek 4.8 to 6.0 Garrard County

Into Kentucky River Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Sulphur Creek 0.0 to 1.4 Henry County

Into Drennon Creek Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Swift Camp Creek 0.0 to 13.95 Wolfe County

Into Red River of Kentucky River Segment Length: 13.95

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$780,000 Section 319(h) Grant funds (FFY 2009) to the Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 13.8.

Tate Creek 0.0 to 6.5
Into Kentucky River

Madison County
Segment Length: 6.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 2010.

Ten Mile Creek 0.0 to 3.0 Grant County

Into Eagle Creek Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Escherichia coli; Oxygen, Dissolved

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$266,469 Section 319(h) Grant funds (FFY2005 & 2009) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan for the Ten Mile Creek watershed, pursue straight pipe abatement, and perform post BMP water quality success monitoring.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.9.

Three Forks Creek 0.0 to 7.6 Grant County

Into Eagle Creek Segment Length: 7.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Town Branch 0.0 to 9.2 Fayette County

Into South Elkhorn Creek Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators; Specific

Conductance

Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban

Stormwater; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to restore the McConnell Springs stormwater quality wetland pond.

Town Branch 9.2 to 10.8 Fayette County

Into South Elkhorn Creek Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area);

Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to restore the McConnell Springs stormwater quality wetland pond.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 9.2 to 10.6.

Town Branch 10.8 to 12.1 Fayette County

Into South Elkhorn Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area);

Non-Point Source; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to restore the McConnell Springs stormwater quality wetland pond.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 10.6 to 12.1.

Trace Fork 1.25 to 3.4 Knott County

Into Carr Fork Reservoir Segment Length: 2.15

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Mountaintop Mining; Source Unknown; Surface Mining;

Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles for this segment have been changed to reflect backwater conditions from Carr Fork Reservoir. This segment was formerly 0.15 to 2.4.

<u>Troublesome Creek 0.0 to 45.1</u> Breathitt County

Into North Fork Kentucky River

Segment Length: 45.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Specific Conductance;

Total Dissolved Solids; Turbidity

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/natural

Gas Activities; Petroleum/natural Gas Production Activities

(Permitted)

<u>Upper Devil Creek 0.0 to 1.0</u> Wolfe County

Into North Fork Kentucky River Segment Length: 1.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Reclamation of Inactive Mining;

Silviculture Activities; Surface Mining

Upper Howard Creek 0.0 to 3.2 Clark County

Into Kentucky River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Rangeland Grazing; Source Unknown

Upper Jacks Creek 0.0 to 2.2 Clay County

Into Red Bird River Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Upper Twin Creek 0.0 to 3.6</u> Breathitt County

Into Middle Fork of Kentucky River Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

UT of Cane Run 0.0 to 2.1 Fayette County

Into Cane Run Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Phosphorus (Total)

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

Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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. Implementation of the Cane Run Watershed Plan begins during 2010.

<u>UT of Cane Run 0.0 to 2.4</u> Fayette County

Into Cane Run Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrogen (Total); Phosphorus (Total)

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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. Implementation of the Cane Run Watershed Plan begins during 2010.

UT of Cane Run 0.0 to 3.5 Scott County

Into Cane Run Segment Length: 3.5 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nitrogen (Total); Phosphorus (Total)

Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture

Grazing; Non-irrigated Crop Production; Package Plant or Other

Permitted Small Flows Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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. Implementation of the Cane Run Watershed Plan begins during 2010.

<u>UT to East Hickman Creek 0.8 to 2.2</u> Fayette County

Into East Hickman Creek Segment Length: 1.4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT of Engle Fork 0.0 to 0.5 Perry County

Into Engle Fork Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

<u>UT of North Branch Lulbegrud Creek 0.0 to 2.2</u>
Into North Branch Lulbegrud Creek

Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>UT of North Elkhorn Creek 0.0 to 3.5</u> Fayette County

Into North Elkhorn Creek Segment Length: 3.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): 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 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

UT of North Elkhorn Creek 0.0 to 5.6 Fayette County

Into North Elkhorn Creek Segment Length: 5.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-

development Erosion and Sedimentation; Streambank

Modifications/destabilization

UT of Smith Fork 0.0 to 0.55 Madison County

Into Smith Fork Segment Length: 0.55

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Surface Mining

UT of Swift Camp Creek 0.0 to 1.5 Wolfe County

Into Swift Camp Creek Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 Daniel Boone National Forest to develop and implement a Watershed Based Plan for the Red River Gorge Geologic Area.

UT of Trace Fork 0.05 to 0.7 **Knott County**

Into Trace Fork Segment Length: 0.7

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli

Suspected Sources: **Unspecified Domestic Waste**

West Fork Mill Creek 0.0 to 1.0 Carroll County

Into Mill Creek Segment Length: 1.0

Warm Water Aquatic Habitat (Partial Support) Impaired Use(s):

Pollutant(s): 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 Jessamine County Into Hickman Creek Segment Length: 3.1 Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Pollutant(s):

Organic Enrichment (Sewage) Biological Indicators

Municipal Point Source Discharges; Unspecified Urban Stormwater Suspected Sources:

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.0.

West Hickman Creek 3.1 to 8.4 **Fayette County**

Into Hickman Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance

Suspected Sources: Residential Districts; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.0 to 8.6.

White Lick Creek 0.0 to 2.8 Garrard County

Into Paint Lick Creek Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Total Suspended Solids (TSS)

Suspected Sources: Non-irrigated Crop Production; Specialty Crop Production

White Oak Creek 0.0 to 2.8 Garrard County

Into Dix River Segment Length: 2.8 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

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

Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

White Oak Creek 0.0 to 3.4 Lincoln County

Into Hanging Fork of Dix River Segment Length: 3.4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli

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

Decentralized Systems); Wet Weather Discharges (Point Source

and Combination of Stormwater, SSO or CSO)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Wolf Run 0.0 to 4.4 Fayette County

Into Town Branch Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Specific Conductance

Suspected Sources: Channelization; Loss of Riparian Habitat; Unspecified Urban

Stormwater: Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$174,125 Section 319(h) Grant funds (FFY 2009) to the Lexington-Fayette Urban County Government to compile existing monitoring data, and develop a Watershed Based Plan for the Wolf Run watershed. The Friends of Wolf Run, a local watershed stakeholder group, will be participating in the plan development process.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.1.

Wooten Creek 0.0 to 3.0 Leslie County

Into Cutshin Creek Segment Length: 3.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

9.2 Kentucky River Basin Springs

Royal Spring 0.0 to 0.7 Scott County

Into North Elkhorn Creek Segment Length: 0.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrogen (Total); Phosphorus (Total)

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

Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs

Planned for Public Notice During 2011.

9.3 Kentucky River Basin Lakes

Boltz Lake Grant County
Into Arnolds Creek Acres: 92

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture; Unspecified Urban Stormwater

Bullock Pen LakeGrant CountyInto Bullock Pen CreekAcres: 134

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems)

<u>Carr Fork Reservoir</u>
Into Carr Fork of North Fork Kentucky River

Knott County
Acres: 710

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Cedar Creek LakeLincoln CountyInto Cedar CreekAcres: 784

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Elmer Davis LakeOwen CountyInto North Severn CreekAcres: 149

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture

Herrington Lake **Garrard County** Into Dix River 2940 Acres:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Fish Consumption

(Partial Support)

Pollutant(s): Mercury in Fish Tissue; Nutrient/Eutrophication Biological

Indicators; 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); Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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 over \$1.0 million in Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc to develop an HSPF model (FFY1997), implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999), and implement agricultural BMPs in the Peyton Creek subwatershed (FFY1999, FFY2001, and FFY2002). More recently (FFY2002), KDOW was awarded \$342,800 to develop a comprehensive Watershed Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

Madison County Lake Reba Into Muddy Creek Acres: 78 Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Wilgreen Lake **Madison County** Into Taylor Fork of Silver Creek Acres: 169

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Secondary Contact

Recreation Water (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved Suspected Sources: Livestock (Grazing or Feeding Operations); Non-irrigated Crop

Production; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems)

Chapter 10. Salt-Licking Basin Unit 303(d) List

10.1 Licking River Basin Streams

Allison Creek 0.0 to 4.9 Fleming County

Into Fleming Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Allison Creek has been a targeted watershed for coordination and funding.

Banklick Creek 0.0 to 3.5 Kenton County

Into Licking River Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction);

Municipal Point Source Discharges; Unspecified Urban

Stormwater; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Sanitation District No. 1 of Northern Kentucky (SD1) of Northern Kentucky has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing \$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 \$600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities. The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern

Kentucky Center for Applied Ecology to direct in lieu fee stream restoration project selection in the watershed. Northern Kentucky Area Planning Commission is an active partner on the BWC and has conducted a South Banklick study. After the completion of the South Banklick study, riparian buffer requirements were adopted as part of the zoning regulations for that area.

Banklick Creek 3.5 to 8.2 Kenton County

Into Licking River Segment Length: 4.7 Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Pollutant(s):

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

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

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing \$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 \$600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities. The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern Kentucky Center for Applied Ecology to direct in lieu fee stream restoration project selection in the watershed. Northern Kentucky Area Planning Commission is an active partner on the BWC and has conducted a South Banklick study. After the completion of the South Banklick study, riparian buffer requirements were adopted as part of the zoning regulations for that area.

Banklick Creek 8.2 to 19.2 **Kenton County**

Into Licking River Segment Length: Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Pollutant(s):

Organic Enrichment (Sewage) Biological Indicators

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

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to addressing

sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing \$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 \$600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities. The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern Kentucky Center for Applied Ecology to direct in lieu fee stream restoration project selection in the watershed. Northern Kentucky Area Planning Commission is an active partner on the BWC and has conducted a South Banklick study. After the completion of the South Banklick study, riparian buffer requirements were adopted as part of the zoning regulations for that area.

Beaver Creek 10.0 to 14.4 Menifee County

Into Licking River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Big Half Mountain Creek 0.0 to 4.0 Magoffin County
Into Licking River Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream

Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Petroleum/natural Gas Production

Activities (Permitted); Rural (Residential Areas); Urban

Runoff/Storm Sewer

Blacks Creek 0.0 to 3.4 Bourbon County
Into Hinkston Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Blackwater Creek 3.8 to 11.7 Morgan County

Into Licking River Segment Length: 7.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Boone Creek 0.0 to 5.0 Bourbon County
Into Hinkston Creek Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Broadtree Fork 0.0 to 1.6 Magoffin County

Into Left Fork of Licking River Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 Morgan County
Into Blackwater Creek Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Broke Leg Creek 1.0 to 4.4 Morgan County

Into Blackwater Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Runoff

from Forest/Grassland/Parkland; Upstream Source

Brushy Fork 0.0 to 5.8 Pendleton County
Into South Fork, Grassy Creek Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Runoff

from Forest/Grassland/Parkland; Streambank

Modifications/destabilization

Buffalo Creek 0.0 to 2.85 Magoffin County

Into Lick Creek Segment Length: 2.85

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point

Source

Burning Fork 0.0 to 3.3 Magoffin County

Into Licking River

Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point

Source; Rural (Residential Areas); Source Unknown; Urban

Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.25.

Burning Fork 3.3 to 7.9 Magoffin County

Into Licking River Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point

Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Caney Creek 0.0 to 4.2 Morgan County

Into Licking River Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Caskey Fork 0.0 to 2.3 Morgan County

Into Grassy Fork Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Christy Creek 0.0 to 4.3 Rowan County

Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

A diverse stakeholder group is addressing water quality and quantity issues in this watershed.

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State

University and the Triplett Creek Committee to develop and implement a Watershed Plan for the

Triplett Creek watershed.

Clarks Run 0.0 to 2.1 Mason County

Into North Fork, Licking River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Coffee Creek 0.0 to 4.1 Morgan County

Into Williams Creek Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream

Hydromodifications; Channelization; Streambank

Modifications/destabilization

Cooper Run 0.0 to 10.1 Bourbon County

Into Stoner Creek Segment Length: 10.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Craintown Branch 0.0 to 3.6 Fleming County

Into Fleming Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Craintown Branch has been a targeted watershed for coordination and funding.

<u>Crane Creek 0.0 to 2.9</u> Fleming County
Into Fox Creek Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat; Sand/gravel/rock Mining or Quarries; Streambank

2.3

Modifications/destabilization

<u>Crooked Creek 0.0 to 9.1</u>
Into Licking River

Nicholas County
Segment Length: 9.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Doty Branch 0.0 to 2.3 Fleming County
Into Fleming Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

Dry Creek 0.0 to 2.5 Rowan County

Into Triplett Creek Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Urban

Runoff/Storm Sewers

A diverse stakeholder group is addressing water quality and quantity issues in the Triplett Creek watershed. 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 and the Triplett Creek Committee to develop and implement a Watershed Plan for the entire Triplett Creek watershed, including the Dry Creek Watershed Plan.

Elk Fork 0.0 to 4.9 Morgan County

Into Licking River Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Silviculture Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Elk Fork 4.9 to 10.5 Morgan County

Into Licking River Segment Length: 5.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Elk Fork 12.6 to 14.7 Morgan County

Into Licking River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Fannins Branch 1.5 to 3.4 Morgan County

Into Elk Fork Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Flat Creek 0.0 to 0.9 Bath County

Into Licking River Segment Length: 0.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Flat Run 0.0 to 2.2
Into Stoner Creek
Bourbon County
Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Fleming Creek 0.0 to 12.8 Fleming County

Into Licking River Segment Length: 12.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

Fleming Creek 12.8 to 16.0 Fleming County

Into Licking River

Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

Fleming Creek 20.8 to 39.4 Fleming County

Into Licking River Segment Length: 18.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Allison Creek, a direct tributary of Fleming Creek, has been a targeted watershed for coordination and funding. 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.

Fox Creek 0.0 to 10.1 Fleming County

Into Licking River Segment Length: 10.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Natural Sources; Source

Unknown

Fox Creek 20.1 to 22.7 Fleming County

Into Licking River Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Dredging (E.g., for Navigation Channels); Natural Sources;

Silviculture Activities; Silviculture Harvesting

Grassy Creek 4.6 to 10.0 Morgan County

Into Licking River Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

Green Creek 0.0 to 8.15 Bourbon County

Into Strodes Creek Segment Length: 8.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction

Related); Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Green Creek 8.45 to 9.7 Clark County

Into Strodes Creek Segment Length: 1.25

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Hancock Creek 4.3 to 7.6 Clark County

Into Strodes Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; pH; Specific

Conductance

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Residential Districts;

Source Unknown; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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. The City of Winchester and Strodes Creek Conservancy are working in conjunction with KWA to complete the Hancock Creek Watershed Plan, and are actively seeking implementation funding.

<u>Hinkston Creek 0.0 to 12.6</u> Bourbon County

Into South Fork Licking River Segment Length: 12.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Hinkston Creek 20.8 to 31.0 Bourbon County

Into South Fork Licking River Segment Length: 10.2

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Hinkston Creek 41.8 to 49.1 Bourbon County

Into South Fork Licking River

Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Agriculture

<u>Hinkston Creek 51.5 to 65.9</u>
Into South Fork Licking River

Montgomery County
Segment Length: 14.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$484,404 Section 319(h) Grant funds (FFY2008) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Upper Hinkston Creek watershed.

Hoods Creek 0.0 to 6.3 Clark County

Into Strodes Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

Houston Creek 0.0 to 9.0 Bourbon County
Into Stoner Creek Segment Length: 9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Houston Creek 9.0 to 12.7 Bourbon County

Into Stoner Creek Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Golf Courses

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Howard Branch 0.0 to 2.0 Magoffin County
Into Licking River Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 3.5Robertson CountyInto Licking RiverSegment Length: 3.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Johnson Creek 0.0 to 0.9 Clark County

Into Strodes Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

Johnson Creek 0.0 to 3.1
Into Licking River

Magoffin County
Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Coal Mining; Source Unknown

<u>Johnson Creek 6.0 to 8.6</u> Magoffin County

Into Licking River Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source; Rural

(Residential Areas)

Lees Creek 0.0 to 4.3 Mason County

Into North Fork Licking River Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones

<u>Left Fork of Johnson Creek 0.0 to 3.15</u> Magoffin County

Into Johnson Creek Segment Length: 3.15

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point

Source

<u>Left Fork of Licking River 0.0 to 1.4</u>
Into Left Fork of Licking River

Magoffin County
Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop

Mining; Non-Point Source; Rural (Residential Areas)

<u>Left Fork White Oak Creek 0.0 to 1.8</u> Morgan County

Into Licking River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Lick Branch 0.0 to 2.3 Magoffin County

Into Right Fork of Licking River Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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

<u>Lick Creek 0.0 to 2.15</u> Magoffin County

Into Licking River Segment Length: 2.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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

The river miles for this segment have been changed to reflect the National Hyrdography Data Set. This segment was formerly 0.0 to 2.1.

Lick Creek 2.15 to 4.6 Magoffin County

Into Licking River Segment Length: 2.45

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point

Source; Unspecified Urban Stormwater; Urban Runoff/Storm

4.8

Sewers

<u>Licking River 0.0 to 4.8</u>
Into Ohio River

Campbell County
Segment Length:

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban

Runoff/Storm Sewers

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

<u>Licking River 4.8 to 14.9</u> Campbell County

Into Ohio River Segment Length: 10.1

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Licking River 31.0 to 37.6 Kenton County

Into Ohio River Segment Length: 6.6

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Licking River 174.4 to 180.8</u> Rowan County

Into Ohio River Segment Length: 6.4

Impaired Use(s): Secondary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Licking River 224.3 to 241.3</u> Morgan County

Into Ohio River Segment Length: 17

Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Licking River 265.0 to 271.6</u> Magoffin County

Into Ohio River Segment Length: 6.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Turbidity

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream

Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Petroleum/natural Gas Activities; Rural (Residential Areas); Silviculture Activities;

Unspecified Urban Stormwater

Licking River 271.6 to 294.1 Magoffin County

Into Ohio River Segment Length: 22.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications;

Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop

Mining; Non-Point Source; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas); Streambank

Modifications/Destabilization

Licking River 294.1 to 302.4 Magoffin County

Into Ohio River Segment Length: 8.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Surface Mining

<u>Little Beaver Creek 0.0 to 3.3</u> Harrison County
Into Beaver Creek

Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction

Related)

<u>Little Stoner Creek 0.0 to 5.0</u> Clark County

Into Stoner Creek Segment Length: 5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Locust Creek 0.0 to 11.8</u> Fleming County

Into Licking River Segment Length: 11.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones

Logan Run 0.0 to 2.3 Fleming County

Into Fleming Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Since 1998, 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. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation 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.

Long Branch 0.0 to 3.9 Magoffin County
Into Licking River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat;

Mountaintop Mining; Non-Point Source; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Mash Fork 0.0 to 3.0Magoffin CountyInto Horsepen ForkSegment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Middle Fork of Licking River 0 to 2.5
Into Licking River

Magoffin County
Segment Length: 2.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Similar Decentralized Systems)

Mill Creek 0.0 to 21.6 Harrison County

Into South Fork of Licking River Segment Length: 21.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 8.4 to 12.0 Morgan County

Into Licking River (Cave Run Lake)

Segment Length: 3.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

North Fork Licking River 12.0 to 13.1 Morgan County

Into Licking River (Cave Run Lake)

Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related);

Upstream Source

North Fork Licking River 18.5 to 52.5 Bracken County

Into Licking River Segment Length: 34

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Agriculture

Oldfield Fork 0.0 to 3.6 Morgan County

Into Grassy Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Phillips Creek 0.0 to 5.3 Campbell County

Into Licking River Segment Length: 5.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Pretty Run 0.0 to 8.0 Clark County

Into Strodes Creek Segment Length: 8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Prickly Ash Creek 0.0 to 3.1 Bath County

Into Slate Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): 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 1.1 Magoffin County
Into Licking River Segment Length: 1.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Right Fork of Middle Fork of Licking River 3.1 to 4.6 Magoffin County

Into Middle Fork of Licking River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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
Into North Fork Triplett Creek

Rowan County
Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for

Navigation Channels)

A diverse stakeholder group is addressing water quality and quantity issues in this watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. Also, KDOW has requested \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University to develop and implement a Watershed Plan for the entire Triplett Creek watershed.

Salt Lick Creek 3.0 to 8.0 Bath County

Into Licking River Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Rangeland Grazing

Scrubgrass Creek 0.0 to 1.6 Nicholas County

Into Cassidy Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Slate Creek 0.0 to 13.6 Bath County

Into Licking River Segment Length: 13.6

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform
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 \$480,000 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.

Spruce Creek 0.0 to 1.7 Montgomery County
Into Slate Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

State Road Fork 0.0 to 5.8 Magoffin County
Into Licking River Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

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

Stinson Creek 0.0 to 3.3 Magoffin County
Into Licking River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 5.5
Into South Fork Licking River
Bourbon County
Segment Length: 5.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Stoner Creek 5.5 to 15.0 Bourbon County

Into South Fork Licking River Segment Length: 9.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Stony Creek 0.0 to 3.0 Nicholas County
Into Licking River Segment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Straight Creek 0.0 to 1.8 Morgan County

Into Elk Fork Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Strodes Creek 2.7 to 7.9 Bourbon County

Into Stoner Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New

Construction); Municipal Point Source Discharges; Non-Point

Source; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

The 2008 Integrated Report listing for Strodes Creek from river mile 2.7 to 19.3 has been split into two segments, 2.7 to 7.9 and 7.9 to 19.3.

Strodes Creek 7.9 to 19.3 Bourbon County

Into Stoner Creek Segment Length: 11.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

warm water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source; Unspecified

Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

The 2008 Integrated Report listing for Strodes Creek from river mile 2.7 to 19.3 has been split into two segments, 2.7 to 7.9 and 7.9 to 19.3.

Strodes Creek 19.3 to 26.4 Clark County

Into Stoner Creek Segment Length: 7.1 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point

Source; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

Threemile Creek 0.1 to 4.7
Into Licking River

Campbell County
Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Source

Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

Townsend Creek 0.0 to 4.9 Bourbon County
Into South Fork Licking River Segment Length: 4.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010. See Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$900,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Chapter of the Nature Conservancy to target agricultural BMPs, conservation easements, and other water quality practices in 303(d) impaired watersheds in the Licking River Basin; the project has a specific goal of meeting water quality standards in Townsend Creek.

<u>Trace Fork 0.0 to 3.1</u>
Into Licking River

Magoffin County
Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity

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

Triplett Creek 5.9 to 12.3 Rowan County

Into Licking River Segment Length: 6.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New

Construction); Impacts from Hydrostructure Flow

Regulation/modification; Municipal Point Source Discharges; Source Unknown; Unspecified Urban Stormwater; Urban

Runoff/Storm Sewers

A diverse stakeholder group is addressing water quality and quantity issues in this watershed. 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. Also, KDOW has requested \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University to develop and implement a Watershed Plan for the entire Triplett Creek watershed.

UT to Hancock Creek 0.0 to 3.72 Clark County

Into Strodes Creek Segment Length: 3.72

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Non-Point Source; Residential

Districts; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010

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. The City of Winchester and Strodes Creek Conservancy are working in conjunction with KWA to complete the Hancock Creek Watershed Plan, and are actively seeking implementation funding.

UT to Mill Creek 0.0 to 4.0 Fleming County
Into Mill Creek Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Phosphorus (Total); Sedimentation/Siltation; Total Kjeldahl Nitrogen

(TKN)

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

<u>UT to Strodes Creek 0.0 to 3.8</u> Clark County

Into Strodes Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal (Urbanized High

Density Area); Non-Point Source; Residential Districts; Site Clearance (Land Development or Redevelopment); Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

UT to UT to Lees Creek 0.0 to 1.6 Mason County

Into Lees Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total

Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or

Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle

Access

Williams Creek 0.0 to 5.3 Morgan County

Into Elk Fork Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Natural

Sources; Source Unknown

Woodruff Creek 0.0 to 3.7 Clark County

Into Strodes Creek Segment Length: 3.7 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

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.

10.2 Licking River Basin Lakes

Cave Run LakeRowan CountyInto Licking RiverAcres: 8270

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury

Suspected Sources: Atmospheric Deposition-Toxics; Source Unknown

Doe Run LakeKenton CountyInto Bullock Pen CreekAcres: 51

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Source Unknown; Upstream Source

Kincaid Lake Pendleton County
Into Licking River Acres: 183

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture

10.3 Ohio River Basin Streams

Allen Fork 2.0 to 4.6 Boone County

Into Woolper Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Habitat Modification - other than Hydromodification; Unspecified

Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Big South Fork 2.3 to 4.3
Into Big Bone Creek
Boone County
Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Site Clearance (Land

Development or Redevelopment)

Big Sugar Creek 0.7 to 2.0 Gallatin County

Into Ohio River Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; 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 Bracken County

Into Ohio River Segment Length: 8.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 Lewis County

Into Ohio River Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones; Rural (Residential Areas)

Brush Creek 0.0 to 1.6 Campbell County

Into Twelvemile Creek Segment Length: 1.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Municipal Point Source Discharges

Cabin Creek 3.6 to 11.3 Mason County

Into Ohio River Segment Length: 7.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Clary Branch 0.0 to 1.9 Lewis County

Into Salt Lick Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Boone County

Into Ohio River Segment Length: 6.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban

Stormwater

Dry Creek 1.1 to 3.0 Gallatin County

Into Ohio River Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge

Runoff (Non-construction Related); Livestock (Grazing or Feeding

Operations)

Fourmile Creek 0.2 to 8.5 Campbell County

Segment Length: 8.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Sanitary Sewer Overflows

(Collection System Failures)

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

Goose Creek 0.0 to 1.9 Bracken County
Into Locust Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Natural Sources; Surface Mining

Gunpowder Creek 0.0 to 15.0 Boone County

Into Ohio River Segment Length: 15

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 comprehensive Watershed Based Plan for Gunpowder Creek

Gunpowder Creek 15.4 to 17.1 Boone County

Into Ohio River Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; 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

See Chapter 4. Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Gunpowder Creek 18.9 to 21.6 Boone County

Into Ohio River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Laurel Fork 5.8 to 15.9 Lewis County

Into Kinniconick Creek Segment Length: 10.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Turbidity

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for

Navigation Channels); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas; Silviculture Activities

<u>Lick Run Creek 0.0 to 3.5</u>
Into Ohio River

Breckinridge County
Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or

Shoreline Zones; Managed Pasture Grazing; Non-irrigated Crop

Production

<u>Little Kentucky River 21.5 to 27.65</u> Henry County

Into Ohio River Segment Length: 6.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 21.0 to 27.0.

Locust Creek 0.0 to 4.1 Bracken County

Into Ohio River Segment Length: 4.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Locust Creek 4.1 to 12.2 Bracken County

Into Ohio River Segment Length: 8.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Middle Creek 0.4 to 5.6 Boone County

Into Ohio River Segment Length: 5.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Site Clearance (Land

Development or Redevelopment)

Montgomery Creek 0.0 to 6.5 Lewis County

Into Kinniconick Creek Segment Length: 6.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for

Navigation Channels); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas; Site Clearance (Land

Development or Redevelopment)

Salt Lick Creek 0.2 to 7.2 Lewis County

Into Ohio River Segment Length: 7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related);

Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat;

5

Runoff from Forest/Grassland/Parkland

Snag Creek 0.5 to 5.5
Into Ohio River
Bracken County
Segment Length:

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

South Fork Gunpowder Creek 0.0 to 2.0 Boone County

Into Ohio River Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Turbidity

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows

Discharges; Post-development Erosion and Sedimentation; Site

Clearance (Land Development or Redevelopment)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

South Fork Gunpowder Creek 4.1 to 6.8 **Boone County**

Into Ohio River Segment Length: 2.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Tenmile Creek 0.05 to 1.15 Campbell County 1.1

Into Ohio River Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Pollutant(s): Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or

Feeding Operations); Site Clearance (Land Development or

Redevelopment)

Trace Creek 0.2 to 4.6 **Lewis County**

Into Kinniconick Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for

> Navigation Channels); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas; Silviculture Activities

Woolper Creek 2.8 to 7.2 **Boone County**

Into Ohio River Segment Length: 4.4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

Woolper Creek 11.9 to 14.0 **Boone County**

Into Ohio River Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Cause Unknown; Fecal Coliform; Nutrient/Eutrophication Biological Pollutant(s):

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Total Suspended Solids (TSS)

Illegal Dumps or Other Inappropriate Waste Disposal; Impacts Suspected Sources:

from Hydrostructure Flow Regulation/modification; Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

10.4 Ohio River Basin Lakes

Alexandria Park Lake
Into Fourmile Creek

Campbell County
Acres: 6.1

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

<u>Lake Jericho</u>
Into Little Kentucky River

Henry County
Acres: 137

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock

(Grazing or Feeding Operations)

10.5 Salt River Basin Streams

Beargrass Creek 0.5 to 1.8 Jefferson County

Into Ohio River Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Beech Creek 4.6 to 19.6 Shelby County

Into Taylorsville Lake Segment Length: 15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Beech Fork 39.5 to 50.4 Nelson County

Into Rolling Fork, Salt River Segment Length: 10.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Big South Fork 0.0 to 12.4 Marion County

Into Rolling Fork, Salt River Segment Length: 12.4

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Grazing in Riparian or Shoreline Zones

Blue Spring Ditch 0.0 to 2.1
Into Northern Ditch

Jefferson County
Segment Length:

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

2.1

See Chapter 6, Segments Planned for Monitoring During 2011.

Brashears Creek 0.0 to 13.0 Spencer County

Into Salt River Segment Length: 13

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Brooks Run 0.0 to 2.5 Bullitt County

Into Floyds Fork Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Brooks Run 2.5 to 4.1 Bullitt County

Into Floyds Fork Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Brooks Run 4.1 to 6.1
Into Floyds Fork
Impaired Use(s):
Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Bullitt Lick Creek 0.0 to 2.3 Bullitt County

Into Salt River Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Sedimentation; Site Clearance (Land Development or

Redevelopment)

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 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Cartwright Creek 0.0 to 6.6 Washington County
Into Beech Fork, Salt River Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

<u>Cartwright Creek 6.6 to 12.6</u>
Into Beech Fork, Salt River

Washington County
Segment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Chaplin River 0.0 to 23.1 Nelson County

Into Beech Fork Segment Length: 23.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Chaplin River 63.0 to 69.7</u> Mercer County

Into Beech Fork Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Cheese Lick 0.7 to 4.4</u>
Into Sulphur Creek

Anderson County
Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;

Streambank Modifications/destabilization

<u>Chenoweth Run 0.0 to 5.2</u> Jefferson County

Into Floyds Fork Segment Length: 5.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Discharges; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Chenoweth Run 5.2 to 9.2Jefferson CountyInto Floyds ForkSegment Length: 4

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

<u>Clear Creek 0 to 4.4</u> Hardin County

Into Rolling Fork, Salt River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Clear Creek 0.0 to 11.0</u> Shelby County

Into Bullskin Creek Segment Length: 11

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

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

Feeding Operations); Unspecified Urban Stormwater; Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Cox Creek 11.2 to 15.5 Nelson County

Into Salt River Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Permitted Runoff from Confined Animal Feeding Operations

(CAFOs)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Cox Creek 0.0 to 4.7 Bullitt County

Into Salt River Segment Length: 4.7

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Crooked Creek 5.6 to 12.8 Bullitt County

Into Rolling Fork, Salt River Segment Length: 7.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Currys Fork 0.0 to 4.8 Oldham County

Into Floyds Fork Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Oxygen, Dissolved; Sedimentation/Siltation

Suspected Sources: Agriculture; Discharges from Municipal Separate Storm Sewer

Systems (MS4); Habitat Modification - other than

Hydromodification; Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges; Site

Clearance (Land Development or Redevelopment

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and begin implementation of a Watershed Plan in the Curry's Fork watershed. KDFWR FILO 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. Money to fund the stream restoration will come from fees generated in the Curry's Fork Watershed. 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.

Doe Run 4.1 to 7.9 Meade County

Into Ohio River Segment Length: 3.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

East Fork Beech Fork 0.0 to 1.9 Washington County
Into Beech Fork Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Fern Creek 0.0 to 1.3 Jefferson County

Into Northern Ditch Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication

Biological Indicators; Organic Enrichment (Sewage) Biological

Indicators

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Fern Creek 1.3 to 4.4 Jefferson County
Into Northern Ditch Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Landfills;

Municipal Point Source Discharges; Unspecified Urban

Stormwater; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Fern Creek 4.4 to 5.9 Jefferson County

Into Northern Ditch

Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

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 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Floyds Fork 0.0 to 11.6 Bullitt County

Into Salt River Segment Length: 11.6

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Floyds Fork 11.6 to 24.2 Jefferson County

Into Salt River Segment Length: 12.6 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point

Source Discharges; Package Plant or Other Permitted Small Flows

Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Floyds Fork 24.2 to 34.1 Jefferson County

Into Salt River

Segment Length: 9.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones;

Highway/Road/Bridge Runoff (Non-construction Related); Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Floyds Fork 34.1 to 61.9 Shelby County

Into Salt River Segment Length: 27.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges; Site Clearance

(Land Development or Redevelopment); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and

Combination of Stormwater, SSO or CSO)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Glens Creek 0.0 to 4.8 Washington County
Into Chaplin River Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Streambank Modifications/destabilization

Goose Creek 0.3 to 3.6 Jefferson County

Into Ohio River Segment Length: 3.3

Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat

(Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic

Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point

Source Discharges, Industrial Point Source Discharges; Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Goose Creek 3.6 to 13.0 Jefferson County

Into Ohio River Segment Length: 9.4

Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat

(Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic

Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Guist Creek 15.4 to 27.6 Shelby County

Into Brashears Creek Segment Length: 12.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

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

Feeding Operations); Unspecified Urban Stormwater; Upstream

Impoundments (e.g., Pl-566 NRCS Structures)

<u>Hardins Creek 0.0 to 5.0</u>
Into Sinking Creek

Breckinridge County
Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a non-

formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Hardins Creek 5.2 to 11.4 Breckinridge County
Into Sinking Creek Segment Length: 6.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a nonformal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Hardins Creek 13.3 to 22.9 Marion County

Into Beech Fork Segment Length: 9.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total);

Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;

Unrestricted Cattle Access

Hardy Creek 0.0 to 1.4 Trimble County

Into Little Kentucky River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Trimble County
Into Little Kentucky River Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Harrods Creek 0.0 to 3.2 Oldham County

Into Ohio River

Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related);

Municipal (Urbanized High Density Area); Package Plant or Other

Permitted Small Flows Discharges

Harrods Creek 3.2 to 33.3 Oldham County

Into Ohio River Segment Length: 30.1

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related);

Municipal (Urbanized High Density Area); Package Plant or Other

Permitted Small Flows Discharges

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Darby Creek watershed, a direct tributary to Harrods Creek

Hayden Creek 0.0 to 1.3 Mercer County

Into Chaplin River Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Other

Suspected Sources: Source Unknown

Hite Creek 0.0 to 5.5 Jefferson County

Into South Fork Harrods Creek Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Municipal Point Source Discharges

Jeptha Creek 0.0 to 0.7 Shelby County

Into Guist Creek Segment Length: 0.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or

Feeding Operations)

Jones Creek 0.0 to 3.9 Marion County

Into North Rolling Fork Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Little Goose Creek 0.0 to 9.2</u> Jefferson County

Into Goose Creek Segment Length: 9.2

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Long Lick Creek 0.0 to 10.5 Bullitt County

Into Salt River Segment Length: 10.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;

Unrestricted Cattle Access

Long Run 0.0 to 10.0Jefferson CountyInto Floyds ForkSegment Length: 10

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Discharges; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Mellins Branch 0.0 to 1.5 Carroll County

Into Little Kentucky River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Jefferson County Into Beargrass Creek Segment Length: 2

Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat

Nonsupport)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Pollutant(s):

Enrichment (Sewage) Biological Indicators

Sanitary Sewer Overflows (Collection System Failures); Urban Suspected Sources:

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Middle Fork Beargrass Creek 2.0 to 2.9 Jefferson County

Into Beargrass Creek Segment Length: 0.9

Impaired Use(s): Primary Contact Recreation (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Middle Fork Beargrass Creek 2.9 to 15.3 Jefferson County

Into Beargrass Creek Segment Length: 12.4

Impaired Use(s): Primary Contact Recreation (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Sanitary Sewer

Overflows (Collection System Failures); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Mill Creek 0.0 to 11.2 Jefferson County

Into Ohio River Segment Length: 11.2 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Pollutant(s):

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Suspected Sources:

Point Source Discharge; Municipal Point Source Discharges; Urban

Runoff/Storm Sewers

Mill Creek Cutoff 0.0 to 6.7 Jefferson County

Into Ohio River Segment Length: 6.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal

Point Source Discharges; Urban Runoff/Storm Sewers

Muddy Fork Beargrass Creek 0.0 to 6.9 Jefferson County

Into Beargrass Creek Segment Length: 6.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Northern Ditch 0.0 to 7.3 Jefferson County

Into Southern Ditch/Pond Creek Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication

Biological Indicators; 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 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Otter Creek 0.0 to 10.7 Meade County

Into Ohio River Segment Length: 10.7

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal

Point Source Discharges; Unspecified Urban Stormwater

Otter Creek 0.0 to 2.9 Larue County

Into Rolling Fork of Salt River Segment Length: 2.9

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Pennsylvania Run 0.0 to 3.3 Jefferson County

Into Floyds Fork Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Dredging (E.g., for Navigation Channels); Illegal Dumps or Other

Inappropriate Waste Disposal; Loss of Riparian Habitat; Municipal Point Source Discharges; Runoff from Forest/Grassland/Parkland;

Streambank Modifications/destabilization; Upstream Impoundments (e.g.,

PI-566 NRCS Structures); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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.

Pleasant Run 4.2 to 6.9 Washington County
Into Beech Fork Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/destabilization; Unrestricted Cattle Access

Plum Creek 0.0 to 17.8 Spencer County

Into Salt River Segment Length: 17.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Oldham County

Into Ohio River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Chlorine; Nutrient/Eutrophication Biological Indicators; Organic

Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Pond Creek/Southern Ditch 5.1 to 8.1 Jefferson County

Into Pond Creek

Segment Length: 3

Improved Use(s): Wester A quetic Hebitet (Nengumpert): Primary Control

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication

Biological Indicators; 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; Unspecified Urban Stormwater

Pope Lick Creek 2.0 to 5.2 Jefferson County

Into Floyds Fork Segment Length: 3.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs

Planned for Public Notice During 2010.

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.

Road Run 0.0 to 7.1 Washington County
Into Cartwright Creek Segment Length: 7.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total); 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/Storm Sewers; Wet Weather Discharges (Non-Point Source)

Rolling Fork 0.0 to 40.7 Larue County

Into Salt River Segment Length: 40.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Salt River 11.9 to 26.2 Bullitt County

Into Ohio River Segment Length: 14.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Fish

Consumption (Partial Support)

Pollutant(s): Fecal Coliform; Methylmercury

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.

Short Creek 0.0 to 5.0 Washington County
Into Beech Fork Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Sinking Creek 8.7 to 15.4 Breckinridge County
Into Ohio River Segment Length: 6.7

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a nonformal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. 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 39.7 Breckinridge County
Into Ohio River Segment Length: 24.3

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational

effort for the Sinking Creek watershed. The educational component was designed for a non-formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

South Fork Beargrass Creek 0.0 to 2.7 Jefferson County

Into Beargrass Creek Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

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 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

South Fork Beargrass Creek 2.7 to 13.6 Jefferson County

Into Beargrass Creek Segment Length: 10.9 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

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 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Southern Ditch 0.0 to 5.9

Into Pond Creek, Salt River

Jefferson County
Segment Length: 5.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal

Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 6, Segments Planned for Monitoring During 2011

Sulphur Creek 0.0 to 10.0
Into Chaplin River

Anderson County
Segment Length: 10

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Thompson Creek 0.0 to 9.2 Mercer County

Into Chaplin River Segment Length: 9.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

<u>Tioga Creek 0.0 to 2.5</u> Hardin County

Into Abrahams Run Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 to Brooks Run 0.0 to 2.0 Bullitt County

Into Brooks Run Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

UT to Buffalo Run 0.0 to 1.1 Bullitt County

Into Buffalo Run Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 \$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 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

<u>UT to Hammond Creek 0.0 to 1.8</u>
Into Hammond Creek

Anderson County
Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total

Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;

Unrestricted Cattle Access

<u>UT to Pond Creek 0.0 to 0.5</u> Oldham County

Into Pond Creek Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chlorine; Nutrient/Eutrophication Biological Indicators; 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 2010.

UT to Salt River 0.0 to 2.4 Mercer County

Into Salt River Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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

<u>UT to Southern Ditch 0.0 to 2.6</u>

Jefferson County

Into Southern Ditch Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 Runoff

UT to UT to Guist Creek 0.0 to 2.4 Shelby County

Into Guist Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or

Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle

Access

Wetwoods Creek (Slop Ditch) 0.0 to 3.7 Jefferson County

Into Northern Ditch

Segment Length: 3.7

Warm Water A quatic Habitet (Porticl Sympost): Primary Contact

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cadmium; Fecal Coliform

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source

Discharges; Urban Runoff/Storm Sewers

See Chapter 5, Segments Planned for Monitoring During 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

The cadmium listing is based on Louisville and Jeffferson County MSD data. It was noted that the cadmium metals data should be used with caution.

Wilson Creek 0.0 to 2.2 Bullitt County

Into Rolling Fork of Salt River Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation; 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 Nelson County

Into Beech Fork Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Other Spill Related Impacts

<u>Yellowbank Creek 1.5 to 12.0</u>
Into Ohio River

Breckinridge County
Segment Length: 10.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Animal Feeding Operations (NPS); Channel Erosion/Incision from

Upstream Hydromodifications; Livestock (Grazing or Feeding

Operations); Streambank Modifications/destabilization

Younger Creek 0.0 to 4.5 Hardin County

Into Rolling Fork of Salt River Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Channelization; Livestock (Grazing or Feeding Operations); Loss of

Riparian Habitat; Silviculture Activities

Salt-Licking Basin Unit Salt River Basin Ponds

10.6 Salt River Basin Ponds

Chickasaw Park PondJefferson CountyInto Ohio RiverAcres: 1.5

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury Suspected Sources: Source Unknown

10.7 Salt River Basin Lakes

Beaver Lake Anderson County
Into Chaplin River Acres: 158

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Guist Creek Lake Shelby County Into Guist Creek Acres: 317

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Fish Consumption

(Partial Support); Domestic Water Supply (Partial Support)

Pollutant(s): Manganese; Mercury in Fish Tissue; Nutrient/Eutrophication

Biological Indicators; Organic Enrichment (Sewage) Biological

Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture; Natural Sources; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Rural (Residential

Areas); Source Unknown

McNeely Lake Jefferson County
Into Pennsylvania Run Acres: 51

Impaired Use(s): Fish Consumption (Nonsupport)

Pollutant(s): Methylmercury Suspected Sources: Source Unknown

Shelby LakeShelby CountyInto Clear CreekAcres: 17

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Internal Nutrient Recycling

Taylorsville LakeSpencer CountyInto Salt RiverAcres: 3050

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption

(Partial Support)

Pollutant(s): Methylmercury; Oxygen, Dissolved

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Municipal

Point Source Discharges; Source Unknown; Upstream Source

Willisburg Lake Washington County

Into Lick Creek Acres: 126

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Source Unknown; Upstream Source

Chapter 11. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List

11.1 Lower Cumberland River Basin Streams

Casey Creek 0.0 to 3.6 Trigg County

Into Little River Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sources Outside State Jurisdiction or Borders

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.

Claylick Creek 4.8 to 10.7
Into Cumberland River
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock

(Grazing or Feeding Operations); Non-irrigated Crop Production

<u>Claylick Creek 10.7 to 13.9</u>
Into Cumberland River

Crittenden County
Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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

Crab Creek 0.0 to 4.8 Lyon County

Into Livingston Creek Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Cypress Creek 0.1 to 6.1Livingston CountyInto Cumberland RiverSegment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat; Non-irrigated Crop Production

<u>Donaldson Creek 7.2 to 9.3</u> Trigg County

Into Cumberland River (Lake Barkley)

Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Dredge Mining

Dry Creek 0.0 to 3.65 Caldwell County

Into Eddy Creek Segment Length: 3.65

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Off-road Vehicles; 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 3.6.

Dry Fork 0.0 to 7.3 Logan County

Into Whippoorwill Creek Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Oxygen, Dissolved;

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

See Chapter 5, Segments Planned for Monitoring During 2010.

Dry Fork Creek 5.8 to 6.6 Christian County

Into Noah Spring Branch Segment Length: 0.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

Eddy Creek 13.0 to 15.7 Caldwell County

Into Cumberland River (Lake Barkley) Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus

(Total)

Suspected Sources: Agriculture; Rural (Residential Areas)

Elk Fork 22.3 to 31.1 Todd County

Into Red River of Cumberland River Segment Length: 8.8 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Cause Unknown; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators

4

Suspected Sources: Municipal Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010.

Ferguson Creek 1.2 to 2.3 Livingston County
Into Cumberland River Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Kenady Creek 0.0 to 4.0 Trigg County
Into Muddy Fork of Little River Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

<u>Little River 14.7 to 20.6</u> Trigg County

Into Cumberland River (Lake Barkley) Segment Length: 5.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Dam or Impoundment

Little River 20.6 to 30.0 Trigg County

Into Cumberland River (Lake Barkley)

Segment Length: 9.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption

(Partial Support)

Pollutant(s): Methylmercury; Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus

(Total); Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

<u>Little River 30.0 to 31.4</u> Trigg County

Into Cumberland River (Lake Barkley)

Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

<u>Little River 31.4 to 45.5</u> Trigg County

Into Cumberland River (Lake Barkley)

Segment Length: 14.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Municipal

Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Little River 45.5 to 57.7</u> Christian County

Into Cumberland River (Lake Barkley)

Segment Length: 12.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Municipal Point Source

Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

<u>Livingston Creek 4.6 to 7.0</u> Lyon County

Into Cumberland River Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; pH

Suspected Sources: Agriculture; Source Unknown

<u>Livingston Creek 11.6 to 15.5</u> Lyon County

Into Cumberland River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total);

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 Trigg County

Into Muddy Fork of Little River Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

Lower Branch 3.4 to 9.3 Christian County

Into Little River Segment Length: 5.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

Middle Branch of North Fork of Little River 1.3 to 3.9 Christian County

Into Upper Branch of North Fork of Little River Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); 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.

Muddy Fork 14.5 to 26.6 Trigg County

Into Little River Segment Length: 12.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

North Fork of Little River 0.0 to 0.3 Christian County

Into Little River Segment Length: 0.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges;

Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs under Development Prior to 2010.

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.

North Fork of Little River 0.3 to 7.0 Christian County

Into Little River Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges

See Chapter 4, Status of TMDLs under Development Prior to 2010.

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.

North Fork of Little River 7.0 to 10.9 Christian County

Into Little River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

North Fork of Little River 10.9 to 16.2 Christian County

Into Little River Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source

Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

The river miles for this segment have been changed to reflect the national Hydrography Data Set. This segment was formerly 10.9 to 16.1.

Pleasant Grove Creek 0.0 to 2.2 Logan County

Into Red River of Cumberland River

Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Managed

Pasture Grazing; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 5, Segments Planned for Monitoring During 2010.

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. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. 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.

Red River 50.8 to 54.5 Logan County

Into Cumberland River Segment Length: 3.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

See Chapter 5, Segments Planned for Monitoring During 2010.

Red River 54.5 to 56.9 Logan County

Into Cumberland River Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture, Rural (Residential Areas)

See Chapter 5, Segments Planned for Monitoring During 2010.

Red River 57.0 to 65.8 Logan County

Into Cumberland River Segment Length: 8.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

See Chapter 6, Segments Planned for Monitoring During 2010.

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. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. 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.

Red River 65.8 to 74.3 Logan County

Into Cumberland River (Lake Barkley)

Segment Length: 8.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Streambank Modifications/destabilization

See Chapter 5, Segments Planned for Monitoring During 2010.

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. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. 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.

Red River 74.3 to 81.3 Simpson County
Into Cumberland River Segment Length: 7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

See Chapter 5, Segments Planned for Monitoring During 2010.

Sinking Fork 2.2 to 5.6 Trigg County

Into Little River Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

Sinking Fork 13.6 to 16.8 Christian County

Into Little River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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.

Sinking Fork 31.0 to 32.7 Christian County

Into Little River Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

Skinframe Creek 0.0 to 4.8 Lyon County

Into Livingston Creek Segment Length: 4.8

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Skinner Creek 0.0 to 5.8 Trigg County

Into Casey Creek Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

South Fork of Little River 0.0 to 10.3 Christian County

Into Little River Segment Length: 10.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Other; Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

South Fork of Little River 10.3 to 20.3 Christian County
Into Little River Segment Length: 10

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Other; Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

South Fork of Little River 21.3 to 26.1 Christian County

Into Little River Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

Spring Creek 3.0 to 3.5 Lyon County

Into Livingston Creek Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Loss of Riparian Habitat

Sugar Creek 1.0 to 1.4 Christian County

Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

Upper Branch 0.0 to 2.8 Christian County

Into North Fork of Little River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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.

<u>UT to Dry Creek 0.0 to 2.1</u> Trigg County

Into Dry Creek Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

UT to Little Whippoorwill Creek 0.1 to 0.6 Logan County

Into Little Whippoorwill Creek Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total

Kjeldahl Nitrogen (TKN)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian

Habitat; Non-irrigated Crop Production

See Chapter 5, Segments Planned for Monitoring During 2010.

West Fork Red River 14.2 to 26.4 Christian County

Into Red River of Cumberland River Segment Length: 12.2

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Rural (Residential Areas)

11.2 Lower Cumberland River Basin Lakes

Hematite Lake Trigg County
Into Long Creek (Lake Barkley)

Acres: 85

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture; Source Unknown

11.3 Mississippi River Basin Streams

Bayou de Chien 0.0 to 4.2 Fulton County

Into Obion Creek Segment Length: 4.2

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): 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 Fulton County

Into Obion Creek Segment Length: 5.5 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Iron; Lead

Suspected Sources: Municipal Point Source Discharges; 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.

Brush Creek 0.0 to 6.3

Hickman County

Segment Longth

Into Obion Creek Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

Brush Creek 0.0 to 8.4 Graves County

Into Obion Creek Segment Length: 8.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Dredging (E.g., for Navigation

Channels)

Caldwell Creek 0.0 to 3.0 Graves County
Into Terrapin Creek Segment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat

Cane Creek 0.0 to 5.3Hickman CountyInto Bayou de ChienSegment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

This Outstanding State Resource Water (OSRW) segment contains a federally threatened and endangered species.

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 Ballard County

Into Shawnee Creek Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

<u>Cane Creek 0.0 to 4.4</u>
Into Obion Creek

Hickman County
Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Non-irrigated

Crop Production

Gilbert Creek 1.7 to 3.5 Graves County

Into Mayfield Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Goose Creek 0.0 to 4.4 Graves County

Into Wilson Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Hazel Creek 0.0 to 3.7 Ballard County

Into Wetland Ponds/Axe Lake Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Source Unknown

Hurricane Creek 0.0 to 3.7 Carlisle County

Into Obion Creek Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Graves County

Into Mayfield Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Knob Creek 1.3 to 3.0 Graves County

Into Blackmore Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Lick Creek 0.0 to 2.2 Carlisle County

Into Heflin Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oil and Grease Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

<u>Little Bayou de Chien 0.0 to 1.3</u> Hickman County

Into Bayou de Chien Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Little Bayou de Chein 10.0 to 12.3 Fulton County

Into Bayou de Chien Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Little Creek 0.0 to 5.3 Hickman County

Into Obion Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

<u>Little Cypress Creek 0.0 to 2.0</u> Graves County
Into Obion Creek Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

<u>Little Cypress Creek 0.0 to 3.6</u> Hickman County

Into Cypress Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Non-irrigated Crop Production

<u>Little Mayfield Creek 0.0 to 10.6</u> Graves County

Into Mayfield Creek Segment Length: 10.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows

Discharges; Rural (Residential Areas)

<u>Little Mud Creek 0.0 to 1.95</u> Fulton County

Into Bayou de Chien Segment Length: 1.95

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Mayfield Creek 2.2 to 5.5 Carlisle County

Into Mississippi River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Mayfield Creek 11.1 to 16.5 Carlisle County

Into Mississippi River

Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Copper; Escherichia coli; Iron; Lead; Nutrient/Eutrophication

Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Source Unknown

Mayfield Creek 16.5 to 36.1 McCracken County
Into Mississippi River Segment Length: 19.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect additional upstream monitoring. This segment was formerly 20.4 to 36.1.

Mayfield Creek 36.1 to 38.2 Graves County

Into Mississippi River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization

Mayfield Creek 38.2 to 40.8 Graves County

Into Mississippi River

Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Copper; Escherichia coli; Iron;

Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Rural

(Residential Areas): Source Unknown

Mayfield Creek 40.8 to 43.7 Graves County

Into Mississippi River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Mayfield Creek 59.6 to 62.3 Calloway County

Into Mississippi River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Mud Creek 0.0 to 7.8 Fulton County

Into Bayou de Chien Segment Length: 7.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

Obion Creek 0.0 to 16.2 Fulton County

Into Bayou de Chien Segment Length: 16.2 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Copper; Escherichia coli; Iron; Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Impacts from Hydrostructure Flow

Regulation/modification; Loss of Riparian Habitat; Non-irrigated

Crop Production; 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 16.5.

Obion Creek 31.9 to 35.2Hickman CountyInto Bayou de ChienSegment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation
Suspected Sources: Upstream/Dowstream 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.

Obion Creek 39.65 to 43.1 Hickman County

Into Mississippi River Segment Length: 3.45

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

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 TEA funds to restore stream channel dimensions, flow patterns and profile to those of natural flow conditions of 9,000 feet of Obion Creek.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 40.8 to 44.2.

Obion Creek 43.1 to 48.6 Hickman County
Into Bayou de Chien Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 44.2 to 49.8.

Obion Creek 48.6 to 54.4 Graves County

Into Mississippi River Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Agriculture; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 49.8 to 55.7.

Opossum Creek 0.0 to 2.3 Graves County

Into Obion Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization

Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 Carlisle County
Into Mayfield Creek Segment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

Running Slough 0.0 to 16.2 Fulton County

Into Obion Creek Segment Length: 16.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Shawnee Creek 3.2 to 12.4 Ballard County

Into Mississippi River Segment Length: 9.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

Shawnee Creek Slough 0.0 to 3.7 Ballard County

Into Twin Lake Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Iron; Lead; Nutrient/Eutrophication Biological Indicators; Organic

Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational

Pollution Sources; Source Unknown

The iron impairment is associated with siltation.

South Fork of Bayou de Chien 0.0 to 2.0 Graves County

Into Bayou de Chien Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Graves County

Into Bayou de Chien Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

This OSRW segment contains a federally threatened and endangered species.

Sugar Creek 0.0 to 1.3 Ballard County

Into Mayfield Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Terrapin Creek 2.7 to 6.0 Graves County

Into North Fork of Obion River (TN)

Segment Length: 3.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Truman Creek 3.2 to 4.1 Carlisle County

Into Mayfield Creek Segment Length: 0.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Loss of Riparian Habitat

UT to Brush Creek 0.0 to 1.9 Hickman County

Into Brush Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Phosphorus (Total); Sedimentation/Siltation; Total Kjeldahl Nitrogen

(TKN)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat; Non-irrigated Crop Production

<u>UT to Mayfield Creek 0.0 to 1.0</u>
Into Mayfield Creek

Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

<u>UT to Mayfield Creek 1.1 to 3.5</u> Graves County

Into Mayfield Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

UT to Mud Creek 0.0 to 2.2 Fulton County

Into Mud Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Oxygen, Dissolved;

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 Hickman County

Into Obion Creek Segment Length: 0.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Wilson Creek 0.0 to 2.1 Carlisle County

Into Mayfield Creek Segment Length: 2.1 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

warm water Aquatic Habitat (Nonsupport), Tilliary Contac

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron

Suspected Sources: Agriculture; Source Unknown

11.4 Ohio River Basin Streams

Bayou Creek 0.5 to 11.9 McCracken County
Into Ohio River Segment Length: 11.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Beta particles and photon emitters; Copper; Gross Alpha; Lead;

Mercury; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge;

Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Clanton Creek 0.0 to 4.9 Ballard County

Into Humphrey Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

Humphrey Creek 0.0 to 3.7 Ballard County

Into Ohio River Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Humphrey Creek 3.7 to 11.6 Ballard County

Into Ohio River Segment Length: 7.9

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

<u>Little Bayou Creek 0.0 to 7.2</u> McCracken County

Into Bayou Creek Segment Length: 7.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Beta particles and photon emitters; Cause Unknown; Copper; Gross

Alpha; Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Massac Creek 4.1 to 4.7
Into Ohio River

McCracken County
Segment Length: 0.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 McCracken County
Into Massac Creek Segment Length: 6.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation

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

Newtons Creek 0.3 to 8.2 McCracken County
Into Ohio River Segment Length: 7.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Shawnee Creek 0.0 to 3.2 Ballard County

Into Shawnee Creek Slough Segment Length: 3.2 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Municipal

Point Source Discharges; Natural Sources; Package Plant or Other

Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Unit Ohio River Basin Lakes

11.5 Ohio River Basin Lakes

Fish Lake Ballard County
Into Ohio River Acres: 27

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue

Suspected Sources: Source Unknown

Metropolis Lake McCracken County

Into Ohio River Acres: 36

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved Suspected Sources: Internal Nutrient Recycling; Non-Irrigated Crop Production; Rural

(Residential Areas); Shallow Lake/Reservoir Basin

11.6 Tennessee River Basin Streams

Angle Creek 0.0 to 0.8 Marshall County

Into Barrett Branch Segment Length: 0.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown: Fecal Coliform

Suspected Sources: Source Unknown

Bear Creek 4.0 to 7.2 Marshall County

Into Tennessee River (Kentucky Lake) Segment Length: 3.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Decentralized Systems); Package Plant or Other Permitted Small

0.7

Flows Discharges

Bee Creek 0.0 to 0.7
Into East Fork of Clarks River

Calloway County
Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Municipal Point Source Discharges; Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY 2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY 2007) to implement restoration actions identified in the Plan. 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.

Bee Creek 0.7 to 2.0 Calloway County
Into East Fork of Clarks River Segment Length: 1.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY 2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY 2007) to implement restoration actions identified in the Plan. 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.

Blizzard Pond Drainage Canal 0.0 to 3.7

Into West Fork of Clarks River

Warm Water A quatic Hebitat (Portical Support), Primary Cont.

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications;

Channelization; Loss of Riparian Habitat; 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; Source

Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Camp Creek 0.0 to 5.4McCracken CountyInto West Fork of Clarks RiverSegment Length: 5.4Impaired Use(s):Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Cause Unknown; Fecal Coliform; Other

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

<u>Champion Creek 0.0 to 1.5</u>
Into Island Creek

McCracken County
Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Site Clearance (Land Development or Redevelopment)

<u>Chestnut Creek 0.0 to 3.0</u>
Into Clarks River
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Cause Unknown; Fecal Coliform; Other

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. 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 5.0 to 13.2 McCracken County
Into Tennessee River Segment Length: 8.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Clarks River 13.2 to 20.6 McCracken County
Into Tennessee River Segment Length: 7.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Iron; Lead

Suspected Sources: Source Unknown

Clarks River 34.8 to 42.6 Marshall County

Into Tennessee River Segment Length: 7.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total);

Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Non-irrigated Crop Production; Streambank

Modifications/destabilization

Clarks River 50.9 to 55.6
Into Tennessee River
Segment Length: 4.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows

Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Clarks River 55.6 to 64.7Calloway CountyInto Tennessee RiverSegment Length: 9.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment of Clarks River is located just downstream of an area that 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 64.7 to 66.8
Into Tennessee River
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Source Unknown

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment of Clarks River is just downstream of the restoration activities.

Clayton Creek 0.75 to 3.3 Calloway County

Into Clarks River Segment Length: 2.55

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Phosphorus (Total)

Suspected Sources: Agriculture; Source Unknown

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. 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

Into Clarks River

Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Rural (Residential Areas);

Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. 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.

<u>Clear Creek 0.7 to 3.1</u>
Into Jonathan Creek (Kentucky Lake)

Marshall County
Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Cypress Creek 0.1 to 6.3 Marshall County

Into Tennessee River Segment Length: 6.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Iron

Suspected Sources: Municipal Point Source Discharges; Source Unknown; Urban

Runoff/Storm Sewers

Cypress Creek 6.3 to 7.7 Marshall County

Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Cypress Creek 7.7 to 9.7 Marshall County

Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Damon Creek 0.0 to 1.8</u> Calloway County

Into West Fork of Clarks River Segment Length: 1.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Animal Feeding Operations (NPS)

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan. 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.

<u>Duncan Creek 0.0 to 2.5</u> Marshall County

Into West Fork of Clarks River Segment Length: 2.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Farley Branch 0.0 to 2.2 Calloway County
Into Middle Fork of Clarks River Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan

Guess Creek 0.0 to 2.6 Livingston County
Into Tennessee River Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Haskell Branch 1.2 to 4.5 Graves County

Into Spring Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

Island Creek 0.0 to 5.6
Into Tennessee River
Into Tennessee River
Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Fecal Coliform

Suspected Sources: Source Unknown

<u>Island Creek 5.6 to 10.3</u> McCracken County
Into Tennessee River Segment Length: 4.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Jonathan Creek 7.4 to 10.9</u>
Into Tennessee River (Kentucky Lake)

Calloway County
Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$132,300 Section 319(h) Grant funds (FFY2000) to the Jackson Purchase RC&D, Inc. 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.

<u>Little Cypress Creek 0.0 to 3.4</u> Marshall County

Into Cypress Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Cause Unknown; Fecal Coliform

Suspected Sources: Source Unknown

Pollutant(s):

<u>Little Cypress Creek 3.4 to 6.0</u> Marshall County

Into Cypress Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Middle Fork Creek 0.2 to 6.0 Marshall County

Into Clarks River

Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Middle Fork of Clarks River 0.0 to 2.7 Calloway County

Into Clarks River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan.

Middle Fork of Clarks River 2.7 to 4.8 Calloway County

Into Clarks River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan.

Panther Creek 0.0 to 3.0 Graves County

Into West Fork of Clarks River Segment Length: 3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Reeves Branch 0.0 to 0.3 Marshall County

Into Sugar Creek Segment Length: 0.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Spring Creek 0.0 to 2.0</u> Graves County
Into West Fork of Clarks River Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization

See Chapter 4, Status of TMDLs under Development Prior to 2010.

Spring Creek 3.6 to 5.4 Graves County

Into West Fork of Clarks River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

Turkey Creek 0.0 to 3.4 Graves County

Into Spring Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

<u>UT to Clarks River 0.0 to 3.3</u> Calloway County

Into Clarks River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Oxygen, Dissolved;

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 \$108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and \$436,970 (FFY2007) to implement restoration actions identified in the Plan.

UT to Old Beaver Dam Slough 0.0 to 0.5 Marshall County

Into Old Beaver Dam Slough Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8</u> Calloway County

Into Tennessee River (Kentucky Lake) Segment Length: 0.65

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Off-road Vehicles; Silviculture Harvesting

West Fork of Clarks River 0.0 to 10.4 McCracken County
Into West Fork of Clarks River Segment Length: 10.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Lead

Suspected Sources: Agriculture; Source Unknown; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

West Fork of Clarks River 13.1 to 17.2 Graves County

Into Clarks River Segment Length: 4.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

West Fork of Clarks River 20.1 to 28.4 Marshall County

Into Clarks River Segment Length: 8.3

Impaired Use(s): Primary Contact Recreation Water (Partial Support); Fish

Consumption (Partial Support)

Pollutant(s): Fecal Coliform; Methylmercury

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

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West Fork of Clarks River (Relict Channel) 19.7 to 22.7 Marshall County

Into West Fork Clarks River Ditch Segment Length:

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

11.7 Upper Cumberland River Basin Streams

Acorn Fork 0.0 to 1.9 Knox County

Into Stinking Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of

Riparian Habitat; Petroleum/natural Gas Activities

Bark Camp Creek 0.1 to 3.8 Whitley County

Into South Fork of Cumberland River Segment Length: 3.7

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Source Unknown

Bear Creek 0.0 to 3.3 McCreary County

Into South Fork of Cumberland River Segment Length: 3.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

KDOW awarded \$280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop a Watershed Plan for Bear Creek and other subwatersheds in the South Fork Cumberland River watershed.

Beaver Creek 16.2 to 16.6 Wayne County

Into Cumberland River Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Source Unknown

Beaver Creek 16.6 to 34.5 Wayne County

Into Cumberland River Segment Length: 17.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Petroleum/natural Gas Activities

Becks Creek 0.0 to 4.0
Into Jellico Creek

Whitley County
Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Cause Unknown; pH; Sedimentation/Siltation

Suspected Sources: Surface Mining

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

BeeLick Creek 7.5 to 10.9 Lincoln County

Into Brushy Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); 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

Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 Bell County

Into Yellow Creek Bypass Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS)

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Bens Fork 0.0 to 2.2 Bell County

Into Little Clear Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining

Big Indian Creek 0.0 to 5.6 Knox County

Into Cumberland River Segment Length: 5.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Site Clearance (Land Development

or Redevelopment)

Big Renox Creek 0.0 to 5.8Cumberland CountyInto Cumberland RiverSegment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Board Branch 0.5 to 1.8 Harlan County

Into Martins Fork Reservoir Segment Length: 1.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Briary Creek 0.0 to 4.4 Pulaski County

Into Buck Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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

Brush Creek 0.0 to 3.5 Knox County

Into Cumberland River Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Buck Creek 45.6 to 53.0 Pulaski County

Into Lake Cumberland Segment Length: 7.4

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury Suspected Sources: Source Unknown

This OSRW segment contains a federally threatened and endangered species.

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 Knox County

Into Cumberland River Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Sulfates

Suspected Sources: Channelization; Legacy coal extraction; Loss of Riparian Habitat

Cane Creek 0.0 to 4.4 Whitley County

Into Clear Fork of Cumberland River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Oxygen, Dissolved; 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 Bell County

Into Yellow Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Dredging (E.g., for Navigation Channels); Loss of Riparian Habitat

Clear Fork 17.0 to 19.4 Whitley County

Into Cumberland River Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Surface Mining

Clover Fork 9.2 to 15.5 Harlan County

Into Cumberland River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Clover Fork 15.5 to 18.2 Harlan County

Into Cumberland River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance

Suspected Sources: Sewage Discharges in Unsewered Areas; Silviculture Activities;

Surface Mining

Clover Fork 18.2 to 28.2 Harlan County

Into Cumberland River Segment Length: 10

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Clover Fork 28.2 to 28.9 Harlan County

Into Cumberland River Segment Length: 0.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Coal Mining

Clover Fork 28.9 to 33.8 Harlan County

Into Cumberland River Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Cloverlick Creek 0.0 to 5.0 Harlan County

Into Poor Fork of Cumberland River Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Total Suspended Solids (TSS)

Suspected Sources: Channelization; Loss of Riparian Habitat; Municipal Point Source

Discharges; Urban Runoff/Storm Sewers

Colliers Creek 0 .0 to 4.1 Letcher County

Into Poor Fork of Cumberland River Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Surface Mining

<u>Craig Creek 5.8 to 6.8</u>

Into Laurel River Reservoir

Laurel County

Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications;

Source Unknown; Streambank Modifications/destabilization

Crane Creek 1.4 to 2.0 Harlan County

Into Martins Fork of Cumberland River Segment Length: 0.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Cranks Creek 1.6 to 2.4 Harlan County

Into Martins Fork of Cumberland River Segment Length: 0.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Crocus Creek 4.9 to 14.0</u> Cumberland County
Into Cumberland River Segment Length: 9.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Mine Tailings; Source Unknown

Crocus Creek 14.0 to 17.15 Adair County

Into Cumberland River Segment Length: 3.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

Cumberland River 554.65 to 569.4 Whitley County

Into Ohio River Segment Length: 14.75

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Cumberland River 569.4 to 575.1 Whitley County

Into Ohio River Segment Length: 5.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

Cumberland River 660.1 to 666.8 Harlan County

Into Ohio River Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Iron Suspected Sources: Source Unknown

The iron impairment is associated with siltation.

Cumberland River 671.9 to 682.3 Harlan County

Into Ohio River Segment Length: 10.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

East Fork of Lynn Camp Creek 0.0 to 4.5 Knox County

Into Lynn Camp Creek Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment)

Elk Spring Creek 0.0 to 7.8 Wayne County

Into Beaver Creek Segment Length: 7.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Ewing Creek 0.1 to 2.9 Harlan County

Into Cumberland River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Surface Mining

Ferris Fork Creek 0.0 to 1.2 Cumberland County
Into Marrowbone Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat

Gilmore Creek 0.0 to 5.9 Lincoln County

Into Buck Creek Segment Length: 5.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization

Goodin Creek 2.1 to 2.6 Knox County

Into Cumberland River Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Harris Branch 0.25 to 0.6 Harlan County

Into Martins Fork Reservoir Segment Length: 0.35

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Hatchell Branch 0.0 to 1.0 McCreary County
Into Eagle Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Silviculture Activities

Hazel Patch Creek 0.0 to 1.8 Laurel County

Into Little Rockcastle River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat 1

Indian Creek 0.0 to 4.2 Pulaski County

Into Buck Creek Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Dredge Mining

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.

Indian Creek 0.0 to 4.5 Jackson County

Into Middle Fork of Rockcastle River Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Jennys Branch 0.0 to 6.0McCreary CountyInto Laurel Fork of Marsh CreekSegment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Site Clearance (Land Development or

Redevelopment); Urban Runoff/Storm Sewers

This OSRW segment contains a federally threatened and endangered species.

<u>Kilburn Fork 0.9 to 6.2</u>
Into Indian Creek

McCreary County
Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Laurel Creek 3.65 to 5.1 McCreary County

Into Marsh Creek Segment Length: 1.45

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source

Unknown

Laurel Fork of Clear Fork 4.25 to 10.3 Whitley County

Into Clear Fork of Cumberland River Segment Length: 6.05

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Silviculture Activities

<u>Laurel Fork of Clear Fork 10.3 to 13.8</u> Whitley County

Into Clear Fork of Cumberland River Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Woodlot Site Clearance

This OSRW segment contains a federally threatened and endangered species.

<u>Laurel River 0.9 to 2.2</u> Laurel County

Into Lake Cumberland Segment Length: 1.3

Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport)

Pollutant(s): Temperature, water

Suspected Sources: Dam or Impoundment; Upstream Source

<u>Laurel River 23.7 to 24.9</u> Laurel County

Into Lake Cumberland Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Laurel River 26.3 to 33.7</u> Laurel County

Into Lake Cumberland Segment Length: 7.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Iron Suspected Sources: Source Unknown

<u>Laurel River 33.7 to 39.8</u> Laurel County

Into Lake Cumberland Segment Length: 6.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Legacy coal extraction; Rural (Residential Areas)

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Left Fork of Straight Creek 0.0 to 13.1</u>

Bell County

Into Straight Creek Segment Length: 13.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land); Surface Mining;

Upstream Source

<u>Lewis Creek 0.0 to 3.5</u>
Into Cumberland River

Cumberland County
Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

<u>Lick Fork 0.0 to 1.3</u> Harlan County

Into Fugitt Creek Segment Length: 1.3

Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Surface Mining

Line Creek 2.3 to 5.5 Pulaski County

Into Rockcastle River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Little Clear Creek 0.0 to 10.9</u> Bell County

Into Clear Creek of Cumberland River Segment Length: 10.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Legacy coal extraction

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

Little Laurel River 0.0 to 8.4 Laurel County

Into Lake Cumberland Segment Length: 8.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal (Urbanized High Density Area); Non-Point

Source; Source Unknown; Upstream Source

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

Little Laurel River 8.4 to 12.7 Laurel County

Into Laurel River

Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators; Phosphorus

(Total); Sedimentation/Siltation

Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges;

Site Clearance (Land Development or Redevelopment)

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Little Laurel River 12.7 to 14.8</u>

Laurel County

Into Laurel River Segment Length: 2.1 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Little Laurel River 14.8 to 23.0</u>

Laurel County

Into Laurel River Segment Length: 8.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Little Poplar Creek 0.0 to 2.8</u> Knox County

Into Cumberland River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Knox County

Into Cumberland River Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Legacy coal extraction; Loss of Riparian Habitat; Rural (Residential Areas)

Little Raccoon Creek 0.0 to 7.7 Laurel County

Into South Fork of Rockcastle River

Segment Length: 7.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Iron; Manganese; pH; Total Dissolved Solids

Suspected Sources: Legacy coal extraction

<u>Little South Fork 0.0 to 4.4</u> Wayne County

Into Big South Fork Cumberland River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Surface Mining

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

Lynn Camp Creek 0.04 to 3.45 Laurel County

Into Lake Cumberland Segment Length: 3.41 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Oil

and Grease; Organic Enrichment (Sewage) Biological Indicators;

Total Suspended Solids (TSS)

Suspected Sources: Habitat Modification - other than Hydromodification; Municipal

Point Source Discharges; Other Spill Related Impacts; Package

Plant or Other Permitted Small Flows Discharges; Source

Unknown: Urban Runoff/Storm Sewers

<u>Lynn Camp Creek 4.5 to 10.5</u>
Into Laurel River

Whitley County
Segment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Cumberland County
Into Cumberland River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Marsh Creek 13.5 to 16.5McCreary CountyInto Cumberland RiverSegment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Silviculture Activities

This OSRW segment contains a federally threatened and endangered species.

Marsh Creek 19.0 to 24.1 McCreary County
Into Cumberland River Segment Length: 5.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Agriculture; Coal Mining

This OSRW segment contains a federally threatened and endangered species.

Martins Fork 11.8 to 17.45 Harlan County

Into Clover Fork of Cumberland River Segment Length: 5.65

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Temperature, water

Suspected Sources: Dam or Impoundment; Source Unknown; Upstream Source

Martins Fork 19.4 to 28.85 Harlan County

Into Clover Fork of Cumberland River Segment Length: 9.45

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Meadow Creek 0.0 to 7.4 Knox County

Into Cumberland River Segment Length: 7.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle

Access

Middle Fork of Beaver Creek 0.0 to 2.3 McCreary County Into Beaver Creek Segment Length: 2.3 Impaired Use(s):

Cold Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

pH; Sedimentation/Siltation Pollutant(s):

Impacts from Abandoned Mine Lands (Inactive) Suspected Sources:

Middle Fork of Richland Creek 0.0 to 1.2 **Knox County**

Into Richland Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Sedimentation/Siltation Pollutant(s):

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Site

Clearance (Land Development or Redevelopment); Surface Mining

Mitchell Creek 0.0 to 3.8 Laurel County

Into Sinking Creek Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Non-Point Source; Site Clearance (Land Development or

Redevelopment); Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs under Development Prior to 2010.

Mud Creek of Clear Fork 0.0 to 5.2 Whitley County

Into Clear Fork of Cumberland River Segment Length: 5.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction);

Non-irrigated Crop Production; Site Clearance (Land Development

or Redevelopment)

Pitman Creek 4.8 to 5.95 Pulaski County

Into Lake Cumberland Segment Length: 1.15

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli

Suspected Sources: Municipal Point Source Discharges

Pond Creek 0.0 to 6.3 Jackson County

Into South Fork of Rockcastle River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source

Discharges

Poor Fork of Cumberland River 14.9 to 16.3 Harlan County

Into Cumberland River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Rural (Residential Areas); Site Clearance (Land Development or

Redevelopment)

Powder Mill Creek 0.0 to 4.9 Laurel County

Into Sinking Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Non-Point Source

Raccoon Creek 0.0 to 2.7 Laurel County

Into South Fork of Rockcastle River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 2010.

Raleigh Fork 0.0 to 1.1 Letcher County

Into South Fork of Colliers Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining

Renfro Creek 0.0 to 3.1 Rockcastle County
Into Roundstone Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Loss of

Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Silviculture Activities; Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs under Development Prior to 2010.

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.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.0.

Richland Creek 0.0 to 6.3 Knox County

Into Cumberland River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Iron; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Coal Mining; Legacy coal extraction; Urban Runoff/Storm Sewers

Roaring Paunch Creek 7.8 to 15.6 McCreary County
Into South Fork of Cumberland River Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): 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 a Watershed Plan for Roaring Paunch Creek and other subwatersheds in the South Fork Cumberland River watershed

Rock Creek 0.0 to 4.3 McCreary County
Into South Fork of Cumberland River Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 \$200,000 (FFY1999), \$460,930 (FFY2000), and \$505,320 (FFY2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. (The FFY2000 Grant was divided between Rock and Back Creeks; Back Creek is a tributary of Clear Fork in the Upper Cumberland River Basin.) The Kentucky Division of Abandoned Mine Lands also allocated \$628,925 (2001) and \$678,924 (2005) in federal AML funds for reclamation projects in the Rock Creek watershed.

Rock Creek 16.5 to 21.5 McCreary County
Into South Fork of Cumberland River Segment Length: 5

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury Suspected Sources: Source Unknown

Roundstone Creek 0.0 to 10.9
Into Rockcastle River

Rockcastle County
Segment Length: 10.9

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): 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 Rockcastle County
Into Rockcastle River Segment Length: 6.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved;

Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of

Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs under Development Prior to 2010.

This OSRW segment contains a federally threatened and endangered species.

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.

Ryans Creek 0.0 to 5.3 McCreary County
Into Jellico Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Total Suspended Solids (TSS)

Suspected Sources: Surface Mining

Sam Branch 0.0 to 0.5 Pulaski County

Into Fishing Creek Segment Length: 0.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Sims Fork 0.0 to 5.2 Bell County

Into Left Fork of Straight Creek Segment Length: 5.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Sinking Creek 13.35 to 17.65 Laurel County

Into Rockcastle River Segment Length: 4.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Non-Point Source; Urban Runoff/Storm Sewers

Skegg Creek 0.0 to 3.3Rockcastle CountyInto Rockcastle RiverSegment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs under Development Prior to 2010.

South Fork of Colliers Creek 0.0 to 1.9 Letcher County

Into Colliers Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Legacy coal extraction

South Fork of Rockcastle River 21.2 to 29.1 Laurel County

Into Rockcastle River Segment Length: 7.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 2010.

Stevenson Branch 0.0 to 1.9 Bell County

Into Yellow Creek Bypass Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Surface Mining

Stinking Creek 0.0 to 2.1 **Knox County**

Into Cumberland River Segment Length: 2.1 Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Oil and Grease; pH; Sedimentation/Siltation Pollutant(s):

Channelization; Impacts from Abandoned Mine Lands (Inactive); Suspected Sources:

> Non-irrigated Crop Production; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Source

Unknown; 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 **Knox County**

Into Cumberland River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance

Suspected Sources: Coal Mining; 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.

The river miles for this segment have been changed to reflect additional downstream monitoring. This segment was formerly 11.3 to 12.4.

Stoney Fork 0.0 to 2.3 Bell County

Into Straight Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

Coal Mining (Subsurface); Impacts from Abandoned Mine Lands Suspected Sources:

(Inactive); Loss of Riparian Habitat; Streambank

Modifications/destabilization; Surface Mining; Woodlot Site

Clearance

Stony Fork 0.0 to 5.3 Bell County

Into Bennetts Fork of Yellow Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Woodlot Site Clearance

Straight Creek 1.7 to 23.3 Bell County

Into Cumberland River Segment Length: 21.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Loss

of Riparian Habitat; Rural (Residential Areas); Surface Mining

Sugar Camp Branch 0.0 to 1.4 Pulaski County

Into Lacey Fork

Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH

Suspected Sources: Source Unknown

<u>UT to Acorn Fork 0.0 to 0.25</u> Knox County

Into Acorn Fork of Stinking Creek Segment Length: 0.25

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance

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.

UT to Helton Branch 0.0 to 0.4 Knox County

Into Helton Branch Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Legacy coal extraction; Loss of

Riparian Habitat

<u>UT to Jennys Branch 0.0 to 1.3</u>
Into Jennys Branch of Laurel Creek

McCreary County
Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Rural (Residential

Areas); Source Unknown

<u>UT to Little Laurel River 0.0 to 1.4</u>
Laurel County

Into Little Laurel River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>UT to UT to Acorn Fork 0.0 to 0.2</u> Knox County

Into UT to Acorn Fork Segment Length: 0.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

<u>UT to UT to Acorn Fork 0.0 to 0.55</u> Knox County

Into UT to Acorn Fork Segment Length: 0.55

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related);

Petroleum/natural Gas Activities

Tennessee-Mississippi-Cumberland Basin Unit Upper Cumberland River Basin Streams

Wallins Creek 0.0 to 4.2 Harlan County

Into Cumberland River Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Erosion from Derelict Land (Barren

Land)

White Oak Creek 0.0 to 1.0

Into Sinking Creek

Laurel County

Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs under Development Prior to 2010.

White Oak Creek 0.0 to 4.2 McCreary County
Into Rock Creek Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 \$200,000 (FFY1999), \$460,930 (FFY2000), and \$505,320 (FFY2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. (The FFY2000 Grant was divided between Rock and Back Creeks; Back Creek is a tributary of Clear Fork in the Upper Cumberland River Basin.) The Kentucky Division of Abandoned Mine Lands also allocated \$628,925 (2001) and \$678,924 (2005) in federal AML funds for reclamation projects in the Rock Creek watershed.

White Oak Creek 7.1 to 11.2 Pulaski County

Into Lake Cumberland Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Tennessee-Mississippi-Cumberland Basin Unit Upper Cumberland River Basin Streams

Whitley Branch 1.1 to 2.6 Laurel County

Into Little Laurel River Segment Length: 1.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

See Chapter 4, Status of TMDLs under Development Prior to 2010.

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

Wolf Creek 0.0 to 1.8 Whitley County

Into Clear Fork of Cumberland River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining

Wood Creek 0.0 to 1.95 Laurel County

Into Little Rockcastle River Segment Length: 1.95

Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Yellow Creek 0.0 to 6.7 Bell County

Into Cumberland River Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Surface Mining; Unspecified Domestic Waste; Urban Runoff/Storm

Sewers

Tennessee-Mississippi-Cumberland Basin Unit Upper Cumberland River Basin Lakes

11.8 Upper Cumberland Basin Lakes

<u>Corbin City Reservoir</u>
Into Laurel River

Laurel County
Acres: 139

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Domestic Water

Supply (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Agriculture; Internal Nutrient Recycling; Municipal Point Source

Discharges

KDOW awarded \$108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and \$312,568 (FFY2007) to implement restoration actions identified in the Plan.

<u>Lake Cumberland</u> Russell County Into Ohio River Acres: 50250

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics

Chapter 12. Green-Tradewater Basin Unit 303(d) List

12.1 Green River Basin Streams

Adams Fork 0.0 to 4.6 Ohio County

Into Rough River Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Austin Creek 2.6 to 3.6 Logan County
Into Mud River Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Industrial Point Source Discharge

Bacon Creek 0.2 to 17.2 Hart County

Into Nolin River (Reservoir) Segment Length: 17

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Bacon Creek 17.2 to 27.1 Hart County

Into Nolin River (Reservoir)

Segment Length: 9.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

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

Production; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Bacon Creek 27.1 to 32.6 Hart County

Into Nolin River Segment Length: 5.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Similar Decentralized Systems)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

KDOW awarded \$86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Barren River 104.9 to 119.4 Allen County

Segment Length: Into Green River 14.5 Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Nonsupport)

Fecal Coliform Pollutant(s): Suspected Sources: Source Unknown

Bat East Creek 0.0 to 3.3 Muhlenberg County Into Pond Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support) Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids Suspected Sources: Habitat Modification - other than Hydromodification;

Petroleum/natural Gas Production Activities (Permitted); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Bat East Creek 3.4 to 7.5 Muhlenberg County Into Pond Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support) Pollutant(s): Cause Unknown; Total Dissolved Solids

Suspected Sources: Agriculture; Petroleum/natural Gas Production Activities

(Permitted); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Bays Fork of Barren River 6.2 to 15.5 Allen County

Into Barren River Segment Length: 9.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support) Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance

Agriculture; Loss of Riparian Habitat; Municipal Point Source Discharges Suspected Sources:

Bear Creek 14.7 to 22.4 Edmonson County
Into Green River Segment Length: 7.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Bear Creek 22.4 to 30.6 Grayson County

Into Green River Segment Length: 8.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

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

Beaver Creek 8.5 to 15.5 Barren County

Into Skaggs Creek (Barren River Reservoir)

Segment Length: 7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Big Brush Creek 0.0 to 5.0 Green County

Into Green River Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 Adair County

Into Russell Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Taylor County

Into Green River Segment Length: 5.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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
Into Green River

Edmonson County
Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification -

other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.2 to 12.4

Billy Creek 0.0 to 4.8 Hardin County

Into Valley Creek Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Industrial

Point Source Discharge; Loss of Riparian Habitat; Managed Pasture Grazing; Site Clearance (Land Development or Redevelopment); Source

Unknown; Streambank Modifications/Destabilization; Urban

Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Black Snake Branch 1.6 to 2.9 Taylor County

Into Big Brush Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

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Brush Creek 0.0 to 6.1 Casey County

Into Green River Segment Length: 6.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Off-road

Vehicles; Streambank Modifications/destabilization

Brush Fork 0.0 to 4.4 McLean County

Into Long Falls Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH; Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat;

Non-irrigated Crop Production; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Buck Creek 0.0 to 8.0
Into Green River
Segment Length: 8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Permitted Runoff from Confined Animal Feeding

Operations (CAFOs)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Buck Creek 1.9 to 8.1 Christian County
Into Buck Fork of Pond River Segment Length: 6.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Buck Fork 0.0 to 5.8 Todd County

Into Pond River Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization

Buck Fork 13.0 to 19.3 Christian County

Into Pond River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Source

Unknown

Burnett Fork 0.0 to 1.3 Daviess County

Into North Fork of Panther Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nitrogen (Total); Phosphorus (Total); 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 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Butler Fork 2.3 to 4.0 Adair County

Into Russell Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

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Calhoun Creek 0.0 to 2.8 Casey County

Into Green River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing

Cane Run 0.0 to 3.7 Daviess County

Into South Fork of Panther Creek Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total);

Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop

Production; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Caney Creek 0.0 to 3.6</u>
Into Pond Creek

Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated

Crop Production; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 6, Segments Planned for Monitoring During 2011.

<u>Caney Creek 3.6 to 7.6</u>
Into Pond Creek

Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 6, Segments Planned for Monitoring During 2011.

<u>Caney Creek 1.4 to 5.3</u> Muhlenberg County
Into Pond River Segment Length: 3.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

<u>Cash Creek 0.0 to 5.8</u> Henderson County
Into Green River

Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Claylick Creek 2.4 to 3.4 Warren County
Into Green River Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - other than

Hydromodification

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Claylick Creek 4.1 to 5.3 Metcalfe County
Into South Fork of Little Barren River Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Hardin County

Into Nolin River Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge

Runoff (Non-construction Related); Livestock (Grazing or Feeding

1.2

Operations); Post-development Erosion and Sedimentation;

Streambank Modifications/destabilization

<u>Craborchard Creek 0.0 to 3.4</u> Hopkins County

Into Drakes Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Sedimentation/Siltation; Total Dissolved Solids Suspected Sources: Agriculture; Habitat Modification-other than Hydromodification;

Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles reported for this segment on the 2008 Integrated Report (0.0 to 4.6) were an error which has now been corrected.

<u>Crooked Creek 0.0 to 3.0</u>
Into Panther Creek

Daviess County
Segment Length: 3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Cypress Creek 0.0 to 6.0</u>
Into Pond River
Impaired Use(s):

McLean County
Segment Length: 6
Impaired Use(s):
Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

<u>Cypress Creek 23.1 to 26.5</u>
Into Pond River

Muhlenberg County
Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation

Water (Nonsupport

Pollutant(s): Cause Unknown; Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Cypress Creek 26.5 to 33.6 Muhlenberg County
Into Pond River Segment Length: 7.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Non-Point Source; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 26.5 to 33.3.

<u>Daniels Creek 0.0 to 5.7</u>
Into Rock Lick Creek

Breckinridge County
Segment Length: 5.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Deer Creek 0.0 to 8.4 Webster County

Into Green River Segment Length: 8.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Iron; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Deserter Creek 0.0 to 3.1 Daviess County

Into South Fork of Panther Creek Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Dorsey Run 2.1 to 3.9 Hardin County

Into Sinks (Nolin River) Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-

development Erosion and Sedimentation

<u>Drakes Creek 0.0 to 23.4</u> Warren County

Into Barren River Segment Length: 23.4

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

Dry Creek 0.0 to 3.7 Casey County

Into Casey Creek Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

East Branch 0.0 to 1.3 Christian County

Into West Fork of Pond River Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Webster County

Into Deer Creek Segment Length: 6.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

East Fork of Little Barren River 20.7 to 30.0 Metcalfe County

Into Little Barren River Segment Length: 9.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

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East Prong of Indian Camp Creek 0.0 to 6.25 Butler County

Into Indian Camp Creek Segment Length: 6.25

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

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

Streambank Modifications/destabilization

Eaton Branch 0.0 to 1.9 Barren County

Into Nobob Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization

Elk Creek 0.0 to 5.4 Hopkins County

Into Pond River Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

Elk Creek 7.6 to 10.6 Hopkins County
Into Pond River Segment Length:

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Elk Pond Creek 0.0 to 4.5 Muhlenberg County

Into Pond River Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Source

Unknown

Flat Creek 0.0 to 10.9 Hopkins County

Into Pond River Segment Length: 10.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

3

Water (Nonsupport)

Pollutant(s): Oil and Grease; pH; Sedimentation/Siltation; Specific Conductance;

Total Suspended Solids (TSS)

Suspected Sources: Acid Mine Drainage; Legacy coal extraction; Loss of Riparian

Habitat; Package Plant or Other Permitted Small Flows Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Ford Ditch 0.0 to 3.3 Daviess County

Into Rhodes Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total); Total Dissolved Solids

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production;

Petroleum/natural Gas Production Activities (Permitted); Surface

Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Gilles Ditch 0.0 to 5.4 Daviess County

Into Rhodes Creek Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

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

Glens Fork 0.0 to 7.1 Adair County

Into Russell Creek Segment Length: 7.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Managed

Pasture Grazing

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Grassy Creek 2.1 to 4.4 Ohio County

Into Rough River Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Loss of

Riparian Habitat; Surface Mining

Green River 71.9 to 94.4 Muhlenberg County
Into Ohio River Segment Length: 22.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Green River 210.5 to 250.3 Hart County

Into Ohio River Segment Length: 39.8

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Green River 283.3 to 309.0 Taylor County

Into Ohio River Segment Length: 25.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

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Groves Creek 0.0 to 6.4 Webster County

Into Green River Segment Length: 6.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

Halls Creek 6.8 to 9.6 Ohio County

Into Rough River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Silviculture Activities; Woodlot Site Management

Havana Creek 0.0 to 1.9 Webster County

Into Deer Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Indian Camp Creek 0.1 to 3.1 Butler County

Into Green River Segment Length: 3.0

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification – other

than Hydromodification;

Indian Camp Creek 3.1 to 10.4 Butler County

Into Green River Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification;

Loss of Riparian Habitat; Non-Point Source

<u>Isaacs Creek 0.0 to 7.3</u> Muhlenberg County

Into Pond River Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH; Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands

(Inactive)

<u>Jarrels Creek 0.0 to 1.8</u> Muhlenberg County

Into Pond River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

Suspected Sources: Dredging (E.g., for Navigation Channels); Habitat Modification -

other than Hydromodification; Source Unknown

Jarret Fork 0.0 to 1.1 Grayson County

Into Caney Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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., Pl-566 NRCS

Structures)

Jenny Hollow Branch 0.0 to 2.4 Ohio County

Into Horse Branch Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels);

Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat; Streambank Modifications/destabilization

Joes Branch 0.0 to 4.4 Daviess County

Into North Fork of Panther Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Joes Run 0.0 to 4.8 Daviess County

Into North Fork of Panther Creek Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Knoblick Creek 0.0 to 2.1 Daviess County

Into Panther Creek Segment Length: 2.1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs

Planned for Public Notice During 2011.

Knoblick Creek 0.0 to 9.1 Webster County

Into Deer Creek Segment Length: 9.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

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

Crop Production; Rangeland Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Lewis Creek 0.0 to 11.8 Ohio County

Into Green River Segment Length: 11.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Surface

Mining

<u>Lick Creek 0.0 to 3.7</u> Henderson County
Into Green River Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

<u>Lick Creek 5.0 to 13.8</u> Henderson County
Into Green River Segment Length: 8.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization

<u>Lindy Creek 0.0 to 0.9</u> Hart County

Into Lynn Camp Creek Segment Length: 0.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Dredging (E.g., for Navigation Channels); 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.

Little Beaverdam Creek 0.0 to 11.4 Warren County

Into Green River Segment Length: 11.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Site Clearance (Land Development or

Redevelopment)

<u>Little Cypress Creek 0.0 to 8.7</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 8.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance;

Total Dissolved Solids

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); Source Unknown; Surface Mining; Unspecified Urban

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The 2008 Integrated Report listing for Little Cypress Creek from river mile 0.0 to 10.1 has been split into two segments, 0.0 to 8.7 and 8.7 to 10.1.

<u>Little Cypress Creek 8.7 to 10.1</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-

construction Related); Irrigated Crop Production; Non-irrigated Crop

Production; Petroleum/natural Gas Activities; Surface Mining;

Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The 2008 Integrated Report listing for Little Cypress Creek from river mile 0.0 to 10.1 has been split into two segments, 0.0 to 8.7 and 8.7 to 10.1.

Little Muddy Creek 5.2 to 6.6 Butler County

Into Green River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other

than Hydromodification

Little Muddy Creek 6.6 to 12.9 Butler County

Into Green River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

<u>Long Creek 0.0 to 3.3</u>
Into Pond River

Muhlenberg County
Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 McLean County

Into Green River Segment Length: 7.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved

Solids

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop

Production; Petroleum/natural Gas Production Activities

(Permitted); Source Unknown; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Long Falls Creek 7.6 to 11.8 McLean County

Into Green River Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; pH; Sedimentation/Siltation; Total Dissolved Solids Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non-

irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Long Lick Creek 4.6 to 7.2</u>
Into Rough River (Reservoir)

Breckinridge County
Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Ohio County

Into Caney Creek Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Meeting Creek 5.2 to 14.0 Hardin County

Into Rough River (Reservoir) Segment Length: 8.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

Middle Fork of Drakes Creek 0.0 to 7.8 Warren County

Into Drakes Creek Segment Length: 7.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Mill Creek 0.0 to 4.2 Ohio County

Into Smith Creek Segment Length: 4.2

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Mud River 0.0 to 9.1 Muhlenberg County
Into Green River Segment Length: 9.1

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Mud River 9.1 to 30.9Muhlenberg CountyInto Green RiverSegment Length: 21.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Fish Consumption

(Nonsupport)

Pollutant(s): Iron; Mercury in Fish Tissue; PCB in Fish Tissue Suspected Sources: Industrial Point Source Discharge; Source Unknown

Mud River 30.9 to 52.2 Logan County

Into Green River Segment Length: 21.3

Impaired Use(s): Fish Consumption (Nonsupport)

Pollutant(s): PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Mud River 52.2 to 64.0 Logan County

Into Green River Segment Length: 11.8

Impaired Use(s): Fish Consumption (Nonsupport)

Pollutant(s): PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Muddy Creek 0.0 to 5.0 Ohio County

Into Caney Creek Segment Length: 5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Muddy Creek 0.0 to 5.9 Butler County

Into Green River Segment Length: 5.9

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Muddy Creek 8.6 to 15.2 Butler County

Into Green River Segment Length: 6.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved;

Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Loss of Riparian Habitat; Streambank

Modifications/destabilization

Muddy Creek 1.9 to 4.9 Ohio County

Into Rough River Segment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Muddy Creek 5.8 to 9.1 Ohio County

Into Rough River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Channelization; Non-irrigated Crop Production; Permitted Runoff

from Confined Animal Feeding Operations (CAFOs)

Narge Creek 2.6 to 4.1 Hopkins County

Into Pond River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 Hancock County

Into South Fork of Panther Creek Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 Ohio County

Into Barnett Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

North Fork of Nolin River 3.0 to 7.0 Larue County

Into Nolin River (Reservoir)

Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

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

North Fork of Panther Creek 0.0 to 4.2 Daviess County

Into Panther Creek Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Daviess County

Into Panther Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Loss of Riparian Habitat; Source Unknown; Streambank

3

Modifications/destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

North Fork Panther Creek 9.7 to 12.7

Into Panther Creek

Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Old Panther Creek 0.4 to 5.7 Daviess County

Into Panther Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Old Panther Creek 5.7 to 8.8 Daviess County

Into Panther Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Otter Creek 0.0 to 6.3 Hopkins County

Into Pond River Segment Length: 6.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production; Unspecified Urban

Stormwater

Panther Creek 0.1 to 3.0 Daviess County

Into Green River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Iron; Sedimentation/Siltation; Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Source Unknown; Surface Mining; Unspecified Urban

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Panther Creek 3.0 to 5.9 Daviess County

Into Green River Segment Length: 2.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs

Planned for Public Notice During 2011.

Panther Creek 17.9 to 20.4 Daviess County

Into Green River Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); 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 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Panther Creek 0.0 to 3.6 Butler County

Into Green River Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat; Streambank Modifications/destabilization;

Unrestricted Cattle Access

Pettys Fork 0.0 to 6.1 Adair County

Into Russell Creek Segment Length: 6.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Ohio County

Into Muddy Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Non-irrigated Crop Production

Hopkins County Pleasant Run 0.0 to 2.0 Into Drakes Creek Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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.

Plum Creek 0.0 to 1.7 Muhlenberg County Into Pond Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Total Dissolved Solids Suspected Sources: Inappropriate Waste Disposal

Plum Creek 1.7 to 3.9 Muhlenberg County Into Pond Creek Segment Length: Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Fecal Coliform; Sedimentation/Siltation Pollutant(s):

Suspected Sources: Habitat Modification - other than Hydromodification; Source

Unknown

Pond Creek 4.8 to 7.6 Muhlenberg County Into Green River Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Sedimentation/Siltation; Total Dissolved Solids

Channelization; Inappropriate Waste Disposal; Petroleum/natural Suspected Sources:

> Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Streambank Modifications/destabilization;

Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 7.6 to 11.7 Muhlenberg County
Into Green River Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Chloride; Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Channelization; Inappropriate Waste Disposal;

Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Streambank Modifications/destabilization;

Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 11.7 to 14.4 Muhlenberg County
Into Green River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 14.4 to 18.1 Muhlenberg County
Into Green River Segment Length: 3.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 18.1 to 22.1 Muhlenberg County
Into Green River Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Grazing in

Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff;

Surface Mining; Unrestricted Cattle Access

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Drain 0.0 to 2.3 McLean County
Into Cypress Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Pond River 1.0 to 20.8 Hopkins County

Into Green River Segment Length: 19.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Iron; Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification; Surface

Mining

Pond River 20.8 to 31.1 Muhlenberg County
Into Green River Segment Length: 10.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Habitat Modification - other than

Hydromodification; Surface Mining

Pond River 61.2 to 71.4 Muhlenberg County
Into Green River Segment Length: 10.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Pond Run 0.0 to 6.8 Ohio County

Into Rough River Segment Length: 6.8

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Render Creek 0.0 to 3.6 Ohio County

Into Lewis Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat;

Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Surface Mining

Rhodes Creek 0.0 to 1.9 Daviess County

Into Green River Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

Rhodes Creek 0.0 to 2.2 Daviess County

Into Panther Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Rhodes Creek 2.2 to 7.5 Daviess County

Into Panther Creek Segment Length: 5.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total);

Sedimentation/Siltation

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

Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated

Crop Production; Streambank Modifications/destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Richland Slough 0.0 to 4.9 Henderson County
Into Green River Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Non-irrigated Crop Production

Robinson Creek 8.8 to 10.8 Taylor County
Into Green River (Reservoir) Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

Rough River 0.0 to 10.4 McLean County

Into Green River Segment Length: 10.4 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Fecal Coliform; Iron; Lead

Suspected Sources: Source Unknown

Rough River 55.1 to 64.3 Ohio County

Into Green River Segment Length: 9.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Iron Suspected Sources: Source Unknown

Rough River 125.2 to 149.4 Hardin County

Into Green River Segment Length: 24.2

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Salt Lick Creek 0.0 to 1.4 Warren County

Into Gasper River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Sand Lick Creek 0.0 to 4.0 Muhlenberg County
Into Pond Creek Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

Skaggs Creek 5.5 to 23.3 Barren County

Into Barren River (Reservoir) Segment Length: 17.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

South Fork of Beaver Creek 0.0 to 3.2 Barren County

Into Beaver Creek Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source

Unknown

South Fork of Little Barren River 23.1 to 30.1

Into Little Barren River

Metcalfe County
Segment Length: 7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

South Fork of Panther Creek 0.0 to 2.4 Daviess County

Into Panther Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Copper; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Phosphorus (Total); Sedimentation/Siltation

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated

Crop Production; Silviculture Harvesting; Source Unknown;

Streambank Modifications/destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

South Fork of Panther Creek 2.4 to 9.55

Daviess County

Into Panther Creek Segment Length: 7.15

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

South Fork of Panther Creek 9.55 to 14.0 Daviess County

Into Panther Creek Segment Length: 4.45

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Phosphorus (Total); 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 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

South Fork of Panther Creek 14.0 to 18.3 Daviess County

Into Panther Creek Segment Length: 4.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Sputzman Creek 1.3 to 4.4</u> Henderson County
Into Green River

Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 2010.

Sunfish Creek 6.8 to 10.3 Grayson County

Into Bear Creek Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization

<u>Sweepstakes Branch 1.0 to 4.0</u>
Into South Fork of Panther Creek

Daviess County
Segment Length: 3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Sycamore Creek 0.0 to 1.6 Edmonson County
Into Bear Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Habitat Modification - other than Hydromodification

Taylor Fork 0.0 to 4.0 Grayson County
Into Bear Creek Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

Three Lick Fork 0.0 to 3.3 Ohio County

Into Muddy Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Surface Mining

Town Branch 0.0 to 6.2 Logan County

Into Mud River Segment Length: 6.2

Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

<u>UT of Cypress Creek 0.0 to 3.4</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance

Suspected Sources: Coal Mining; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to Butler Branch 0.0 to 1.7 Adair County

Into Butler Branch Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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<u>UT to Cool Springs Creek 0.0 to 1.6</u> Adair County

Into Cool Springs Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

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UT to Cypress Creek 0.0 to 1.45
Into Cypress Creek

Muhlenberg County
Segment Length: 1.45

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance Suspected Sources: Coal Mining; Irrigated Crop Production; Loss of Riparian Habitat;

Managed Pasture Grazing; Non-irrigated Crop Production; Source

Unknown; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.4.

<u>UT to Cypress Creek 0.0 to 1.1</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>UT to Cypress Creek 0.0 to 3.0</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>UT to Cypress Creek 0.0 to 8.1</u>
Into Cypress Creek

Muhlenberg County
Segment Length: 8.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank

Modifications/destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to Drakes Creek 0.0 to 2.2 Hopkins County

Into Drakes Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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

Into Elk Creek

Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

UT to Elk Creek 0.0 to 2.6 Hopkins County

Into Elk Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted

Cattle Access

UT to Flat Creek 0.0 to 3.1 Hopkins County

Into Flat Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Surface Mining

UT to Flat Creek 3.1 to 4.1 Hopkins County
Into Flat Creek Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

<u>UT to Little Cypress Creek 0.0 to 1.75</u>
Into Little Cypress Creek

Muhlenberg County
Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance

Suspected Sources: Coal Mining; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>UT to Little Cypress Creek 0.0 to 3.25</u>

Muhlenberg County

Into Little Cypress Creek Segment Length: 3.25

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance

Suspected Sources: Coal Mining; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to Pond Creek 0.0 to 2.4 Muhlenberg County
Into Pond Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

<u>UT to Richland Creek 0.0 to 1.7</u> Butler County

Into Richland Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

UT to UT to Little Cypress Creek 0.0 to 2.6
Into UT of Little Cypress Creek
Impaired Use(s):
Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance

Suspected Sources: Coal Mining; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to West Bays Fork
Allen County

Into West Bays Fork Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization; Unrestricted Cattle Access

UT to West Fork of Lewis Creek 0.0 to 2.2 Ohio County

Into West Fork of Lewis Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Habitat Modification - other than Hydromodification

<u>UT to Wiggington Creek 0.9 to 1.9</u>
Into Wiggington Creek

Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Valley Creek 0.0 to 3.6 Hardin County

Into Nolin River Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Valley Creek 8.4 to 10.8 Hardin County

Into Nolin River Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

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 2010.

West Fork of <u>Drakes Creek 0.0 to 23.3</u> Simpson County

Into Drakes Creek Segment Length: 23.3

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): 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 Simpson County

Into Drakes Creek Segment Length: 5.4

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

West Fork of Pond River 1.6 to 8.7 Christian County

Into Pond River Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Christian County

Into Pond River Segment Length: 5.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Habitat Modification - other than Hydromodification; Livestock

(Grazing or Feeding Operations)

Wolf Branch Ditch 0.0 to 4.1 Daviess County

Into Rhodes Creek Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total);

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 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Wolf Lick Creek 0.0 to 14.6 Logan County

Into Mud River Segment Length: 14.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved;

Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Streambank

Modifications/destabilization

12.2. Green River Basin Springs

Goodman Springs (9000-0230) Hardin County
Into Nolin River Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Goren Mill Spring (9000-0793) Hart County

Into Green River Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

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Graham Spring (9000-0051)
Into Barren River

Warren County
Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Head of Rough River Spring 154.85 to 155.8 Hardin County

Into Rough River Segment Length: 0.95

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

<u>Lost River Rise (9000-0054)</u>

Into Jennings Creek

Warren County

Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Mahurin Spring (9000-0202) Grayson County
Into Spring Fork Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

McCoy Bluehole Spring (9000-0792) Hart County

Into Green River Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

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Mill Spring (9000-1193) Grayson County
Into Nolin River Segment Length: 1

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli Suspected Sources: Source Unknown

Nolynn Spring (9000-2673)

Into North Fork of Nolin River

Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Skees KW#1 (9000-1398)
Into Nolin River
Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

13.3 Green River Basin Lakes

Campbellsville City ReservoirTaylor CountyInto Trace Fork of Little Pitman CreekAcres: 63Impaired Use(s):Secondary Contact Recreation Water (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Natural Sources; Upstream Source

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<u>Caneyville City Reservoir</u>
Into Bennett Fork of North Fork of Caney Creek

Grayson County
Acres: 75

Impaired Use(s): Secondary Contact Recreation Water (Partial Support); Domestic

Water Supply (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Natural Sources; Shallow Lake/Reservoir Basin

<u>Green River Reservoir</u> Taylor County Into Green River Acres: 8210

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue; PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge; Source Unknown

Lake Luzerne Muhlenberg County

Into UT to Caney Creek Acres: 55

Impaired Use(s): Domestic Water Supply (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Lake MaloneLogan CountyInto Rocky CreekAcres: 826

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Rough River ReservoirHardin CountyInto Green RiverAcres: 5100

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue Suspected Sources: Source Unknown

Spa LakeLogan CountyInto Wolf Lick CreekAcres: 240Impaired Use(s):Secondary Contact Recreation Water (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Natural Sources

12.4 Ohio River Basin Streams

Bayou Creek 0.0 to 19.1 Livingston County
Into Ohio River Segment Length: 19.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Bear Run 1.6 to 1.9 Breckinridge County
Into Clover Creek Segment Length: 0.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

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

Harvesting

Bell Ditch 0.0 to 2.8 Daviess County

Into Pup Creek Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; 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 Hancock County

Into Ohio River Segment Length: 3.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Blackford Creek 4.0 to 8.4 Hancock County

Into Ohio River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Canoe Creek 2.4 to 5.0 Henderson County

Into Ohio River Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Chromium (total); Copper; Fecal Coliform; Nutrient/Eutrophication

Biological Indicators; Organic Enrichment (Sewage) Biological

Indicators; Sedimentation/Siltation; Zinc

Suspected Sources: Non-irrigated Crop Production; Package Plant or Other Permitted

Small Flows Discharges; Source Unknown

See Chapter 5, Segments Planned for Monitoring During 2010.

Casey Creek 0.6 to 9.7 Union County

Into Highland Creek Segment Length: 9.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Total Dissolved Solids

Suspected Sources: Drainage/Filling/Loss of Wetlands; Petroleum/natural Gas

Production Activities (Permitted)

Clover Creek 7.7 to 9.2 Breckinridge County

Into Ohio River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Crittenden County

Into Ohio River Segment Length: 12.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Crooked Creek 12.1 to 26.4 Crittenden County

Into Ohio River Segment Length: 14.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highways, Roads,

Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Source Unknown; Urban Runoff/Storm

Sewers

<u>Deer Creek 0.0 to 8.1</u> Livingston County

Into Ohio River Segment Length: 8.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Agriculture

<u>Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9</u> Union County

Into Ohio River Segment Length: 10.5

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

<u>Dyer Hill Creek 0.4 to 6.0</u>
Into Ohio River

Livingston County
Segment Length: 5.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of

Riparian Habitat; Streambank Modifications/destabilization

East Fork of Canoe Creek 0.0 to 4.4 Henderson County
Into Canoe Creek Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Drought-related Impacts; Loss of

Riparian Habitat

See Chapter 5, Segments Planned for Monitoring During 2010.

Goose Pond Ditch/Wardens Slough 0.0 to 13.6 Union County

Into Ohio River Segment Length: 13.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian

Habitat; Streambank Modifications/destabilization

<u>Highland Creek 0.0 to 7.6</u> Union County

Into Ohio River Segment Length: 7.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Fecal Coliform

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New

Construction); Loss of Riparian Habitat; Streambank

Modifications/destabilization

<u>Highland Creek 7.6 to 21.4</u>
Into Ohio River

Henderson County
Segment Length: 13.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Iron

Suspected Sources: Agriculture; Coal Mining (Subsurface); Petroleum/natural Gas

Activities

Sadler Creek 0.0 to 2.4 Livingston County
Into Buck Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank

Modifications/destabilization

Sugg Creek 0.0 to 1.3 Union County

Into Cypress Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

<u>UT to Rush Creek 0.0 to 1.3</u> Crittenden County
Into Crooked Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Specific Conductance

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

12.5 Ohio River Basin Lakes

Carpenter LakeDaviess CountyInto UT to Pup CreekAcres: 64

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved

Suspected Sources: Agriculture; Upstream Source

Scenic Lake Henderson County

Into UT to Ohio River Acres: 18
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Contaminated Sediments; Internal Nutrient Recycling

12.6 Tradewater River Basin Streams

Bishop Ditch 0.0 to 2.7 Webster County

Into Caney Fork Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Turbidity

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production;

Surface Mining

Buffalo Creek 0.0 to 6.8 Hopkins County

Into Tradewater River Segment Length: 6.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Source Unknown

Bull Creek 0.0 to 1.0 Webster County
Into Slover Creek Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - other than

Hydromodification; Non-irrigated Crop Production

Caney Creek 0.0 to 3.3 Caldwell County

Into Donaldson Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Source

Unknown

Caney Creek 0.0 to 8.2 Hopkins County

Into Tradewater River Segment Length: 8.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH; Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat;

Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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.

<u>Caney Fork 3.4 to 7.9</u> Webster County
Into Crab Orchard Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

<u>Castleberry Creek 0.0 to 2.1</u> Christian County
Into Tradewater River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids; Turbidity

4.5

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

<u>Clear Creek 0.0 to 7.5</u> Hopkins County

Into Tradewater River Segment Length: 7.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators; Oxygen,

Dissolved

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Clear Creek 19.4 to 26.2</u> Hopkins County
Into Tradewater River

Hopkins County
Segment Length: 6.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Source Unknown; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Clear Creek 26.2 to 26.5</u> Hopkins County

Into Tradewater River Segment Length: 0.3

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Copper Creek 0.0 to 2.7 Hopkins County

Into Richland Creek Segment Length: 2.7 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Iron; pH; Specific Conductance; Total Dissolved Solids; Zinc

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Copperas Creek 0.0 to 3.6 Hopkins County

Into Caney Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Cadmium; Iron; Nickel; pH; Specific Conductance; Total Dissolved

Solids; Zinc

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7</u> Webster County

Into Tradewater River Segment Length: 14.7

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Craborchard Creek 19.2 to 21.5

Webster County

Into Tradewater River Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

Donaldson Creek 0.0 to 14.2 Hopkins County

Into Tradewater River Segment Length: 14.2 Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

East Fork of Hurricane Creek 0.0 to 2.2 Hopkins County

Into Hurricane Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Fox Run 0.0 to 1.1 Hopkins County

Into Caney Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): pH; Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

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 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.

Hurricane Creek 0.0 to 1.8 Hopkins County

Into Tradewater River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Iron; pH; Specific Conductance; Total Dissolved Solids; Zinc

Suspected Sources: Coal Mining; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Lambs Creek 0.0 to 3.3 Hopkins County

Into Clear Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Source Unknown; Surface

Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

<u>Lick Creek 0.0 to 11.9</u> Hopkins County

Into Clear Creek Segment Length: 11.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Lynn Fork 0.0 to 2.4 Webster County

Into Crab Orchard Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

<u>Pigeonroost Creek 0.0 to 3.9</u> Crittenden County

Into Tradewater River Segment Length: 3.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture

Pond Creek 0.0 to 5.5 Hopkins County
Into Clear Creek Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Relict Channel of Cypress Creek 0.5 to 3.3 Union County

Into Tradewater River Segment Length: 2.8 Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary

Contact Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform Suspected Sources: Source Unknown

Richland Creek 0.0 to 4.5 Hopkins County

Into Clear Creek Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

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

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Tradewater River 0.0 to 16.8 Union County

Into Ohio River Segment Length: 16.8

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform Suspected Sources: Agriculture

<u>Tradewater River 20.6 to 46.4</u> Webster County

Into Ohio River Segment Length: 25.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; Iron

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land); Source

Unknown

Tradewater River 63.1 to 79.4 Hopkins County

Into Ohio River Segment Length: 16.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Surface Mining

<u>Tradewater River 98.5 to 111.1</u> Christian County

Into Ohio River Segment Length: 12.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved;

Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Sanitary Sewer Overflows (Collection

System Failures)

Tyson Branch 0.0 to 2.5 Caldwell County

Into Tradewater River Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Habitat Modification - other than Hydromodification

UT to Copper Creek 0.0 to 1.1 Hopkins County

Into Copper Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to Copperas Creek 0.0 to 0.9 Hopkins County

Into Copperas Creek Segment Length: 0.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Cadmium; Iron; pH; Specific Conductance; Total Dissolved Solids;

Zinc

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT to Donaldson Creek 0.0 to 1.8 Caldwell County

Into Donaldson Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

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

Loss of Riparian Habitat; Streambank Modifications/destabilization

<u>UT to Hurricane Creek 0.0 to 0.2</u> Hopkins County

Into Hurricane Creek Segment Length: 0.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Iron; Nitrates; pH; Specific Conductance; Total Dissolved Solids;

Zinc

Suspected Sources: Coal Mining; Source Unknown

UT to Slover Creek 0.0 to 1.5 Webster County

Into Slover Creek Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from

Abandoned Mine Lands (Inactive); Loss of Riparian Habitat;

Streambank Modifications/destabilization

UT to UT to Slover Creek 0.0 to 1.2 Webster County

Into UT Ditch to Slover Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry

Land); Loss of Riparian Habitat

<u>UT to UT to Slover Creek 0.2 to 1.5</u> Webster County

Into UT Ditch to Slover Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Agriculture; Channelization; Surface Mining

Ward Creek 5.1 to 10.3 Caldwell County

Into Flynn Fork Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 4.9 to 10.3.

Weirs Creek 0.0 to 4.9 Hopkins County

Into Clear Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop

Production

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

Wolf Creek 0.0 to 1.0 Crittenden County
Into Tradewater River Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Chapter 13. Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List

13.1 Big Sandy River Basin Streams

Abbott Creek 0.0 to 3.2 Floyd County

Into Levisa Fork of Big Sandy River Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrogen (Total); Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators; Oxygen,

Dissolved; Turbidity

Package Plant or Other Permitted Small Flows Discharges; Surface Suspected Sources:

Mining

Floyd County Arkansas Creek 0.0 to 3.6

Into Beaver Creek Segment Length: 3.6 Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

> Organic Enrichment (Sewage) Biological Indicators: Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification;

> On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Arnold Fork 0.0 to 2.6 **Knott County**

Into Right Fork Beaver Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport) Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; Inappropriate Waste Disposal; Petroleum/natural Gas

Activities: Petroleum/natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Banjo Branch 0.0 to 1.5 Johnson County

Into Levisa Fork of Big Sandy River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point

Source

Barnetts Creek 0.0 to 1.6 Johnson County

Into Paint Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Petroleum/natural Gas Activities; Surface Mining

Bear Creek 0.0 to 2.0
Into Big Sandy River

Lawrence County
Segment Length: 2.0

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal coliform

Suspected Sources: Animal Feeding Operations (NPS), On-Site Treatment Systems

(Septic Systems and Similar Decentralized Systems)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.9.

Beaver Creek 0.0 to 7.1 Floyd County

Into Levisa Fork of Big Sandy River Segment Length: 7.1 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Nitrate/Nitrite (Nitrite + Nitrate as N);

Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site

Treatment Systems (Septic Systems and Similar Decentralized

Systems); Package Plant or Other Permitted Small Flows

Discharges; Petroleum/natural Gas Activities; Unspecified Domestic

Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Big Creek 0.0 to 1.9 Pike County

Into Tug Fork of Big Sandy River Segment Length: 1.9

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Decentralized Systems)

Big Creek 7.3 to 10.6 Pike County

Into Tug Fork of Big Sandy River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point

Source; On-site Treatment Systems (Septic Systems and Similar

Decentralized Systems); Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.3 to 10.7.

Big Creek 10.6 to 15.1 Pike County

Into Tug Fork of Big Sandy River Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 10.7 to 15.1.

Big Mine Creek 1.4 to 3.9 Magoffin County

Into Little Paint Creek Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support); Secondary Contact Recreation

Water (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock

Mining or Quarries; Silviculture Activities; Surface Mining

Big Mine Creek 5.8 to 8.4 Magoffin County
Into Little Paint Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Big Sandy River 0.0 to 27.1 Boyd County

Into Ohio River Segment Length: 27.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification

Bill D Branch 0.0 to 1.1 Knott County

Into Right Fork Beaver Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification;

On-site Treatment Systems (Septic Systems and Similar

Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Sand/gravel/rock Mining

or Ouarries

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Bill D Branch 1.1 to 2.9 Knott County

Into Right Fork Beaver Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Blaine Creek 35.0 to 39.8 Lawrence County
Into Big Sandy River Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication

Biological Indicators; Sedimentation/Siltation; Total Suspended Solids

(TSS)

Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 35.0 to 40.8.

Blaine Creek 40.9 to 45.3Lawrence CountyInto Big Sandy RiverSegment Length: 4.4Impaired Use(s):Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

This segment is a combination of two former segments, 41.6 to 43.0 and 44.0 to 48.4. Also, the river miles have been changed to reflect the National Hydroraphy Data Set.

Blaine Creek 8.2 to 17.6

Into Big Sandy River

Lawrence County
Segment Length: 9.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Suspended Solids (TSS)

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of

Riparian Habitat; Managed Pasture Grazing; Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems);

Post-development Erosion and Sedimentation; Streambank

Modifications/Destabilization

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.1 to 17.4.

Brushy Fork 0.0 to 10.0 Pike County

Into Johns Creek Segment Length: 10

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Managed

Pasture Grazing; Non-Point Source; 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.

Buck Branch 0.0 to 2.8 Floyd County

Into Beaver Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance

Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification;

On-site Treatment Systems (Septic Systems and Similar

Decentralized Systems); Petroleum/natural Gas Activities; Post-

development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Buffalo Creek 0.0 to 1.8 Floyd County

Into Johns Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Ouarries; Surface Mining

Caleb Fork 0.0 to 1.2 Floyd County

Into Left Fork Beaver Creek Segment Length: 1.2 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Iron; Nitrogen (Total);

Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Sand/gravel/rock Mining

or Quarries

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Caney Fork 0.0 to 7.5 Knott County

Into Right Fork Beaver Creek Segment Length: 7.5 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Specific Conductance: 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 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Caney Fork 7.5 to 11.3 Knott County

Into Right Fork Beaver Creek Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Clear Creek 0.0 to 4.9</u> Floyd County

Into Left Fork Beaver Creek Segment Length: 4.9 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nitrogen (Total); Phosphorus (Total);

Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities;

Petroleum/natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Coldwater Fork 2.1 to 8.8 Martin County

Into Middle Fork, Rockcastle River Segment Length: 6.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Sediment); Surface mining; Unspecified Urban Stormwater

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. Coldwater Fork is one of five subwatersheds targeted by the RC&D for erosion control.

Dry Creek 0.0 to 4.0

Knott County

Sagrant Langt

Into Right Fork Beaver Creek Segment Length: 4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Petroleum/natural

Gas Production Activities (Permitted); Post-development Erosion

and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Elkhorn Creek 0.0 to 10.7 Pike County

Into Russell Fork Segment Length: 10.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Specific Conductance;

Total Dissolved Solids; Total Suspended Solids (TSS)

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

Decentralized Systems); Package Plant or Other Permitted Small

Flows Discharges; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.6.

Frasure Creek 0.0 to 5.2 Floyd County

Into Left Fork Beaver Creek Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows

Discharges; Petroleum/Natural Gas Activities, Post-Development

Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Georges Creek 0.0 to 2.9 Lawrence County
Into Levisa Fork of Big Sandy River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;
Sedimentation/Siltation; Specific Conductance

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Non-Point Source; Sand/gravel/rock Mining or Quarries; Source Unknown

The river miles for this segment have been expanded due to additional assessment points. This segment was formerly 0.0 to 0.9.

Goose Creek 0.0 to 2.2 Floyd County

Into Right Fork Beaver Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Sedimentation/Siltation; Specific Conductance;

Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Post-development

Erosion and Sedimentation; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Greasy Creek 0.0 to 4.7 Johnson County

Into Levisa Fork of Big Sandy River Segment Length: 4.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining; Municipal Point Source Discharges

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.8.

Hall Fork 0.0 to 2.0 Floyd County

Into Frasure Creek Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Iron; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

Harriett Branch 0.6 to 2.3 Lawrence County

Into Little Blaine Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Hood Creek 0.0 to 3.6 Lawrence County

Into Blaine Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified

Urban Stormwater

Ice Dam Creek 0.0 to 0.4 Boyd County

Into Big Sandy River Segment Length: 0.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Nitrogen (Total); Sedimentation/Siltation Suspected Sources: Habitat Modification - other than Hydromodification; Industrial

Point Source Discharge; 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 Boyd County

Into Big Sandy River Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown; Nitrogen (Total); Sedimentation/Siltation;

Total Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification; Industrial

Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Indian Creek 0.0 to 3.5 Pike County

Into Long Fork Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation; Total Dissolved Solids 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

Island Creek 0.0 to 1.7 Pike County

Into Levisa Fork Big Sandy River Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Surface Mining

<u>Jacks Creek 0.0 to 4.4</u> Floyd County

Into Left Fork of Beaver Creek Segment Length: 4.4 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Cause Unknown; Escherichia coli; Nutrient/Eutrophication

Biological Indicators; Sedimentation/Siltation; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities;

Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Jennys Creek 5.3 to 10.8 Johnson County

Into Paint Creek Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Site Clearance (Land

Development or Redevelopment); 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. Jennys Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Jenny's Creek 0.0 to 3.1 Johnson County

Into Paint Creek Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-

construction Related); Loss of Riparian Habitat

Johns Branch 0.0 to 1.6 Floyd County

Into Right Fork Beaver Creek Segment Length: 1.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Post-development

Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Johns Creek 0.0 to 5.8 Johnson County

Into Levisa Fork of Big Sandy River Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Impacts from Hydrostructure Flow Regulation/modification;

Sand/gravel/rock Mining or Quarries; Surface Mining; Upstream

Impoundments (e.g., Pl-566 NRCS Structures)

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 Pike County

Into Levisa Fork of Big Sandy River Segment Length: 6.65
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Specific Conductance

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

Decentralized Systems); 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.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 24.0 to 30.7.

Johns Creek 34.4 to 42.5 Pike County

Into Levisa Fork Big Sandy River Segment Length: 8.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Sedimentation; Surface Mining

Jones Fork 0.0 to 9.9 Knott County

Into Right Fork Beaver Creek Segment Length: 9.9 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Nitrogen (Total); Phosphorus (Total);

Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Channelization; Coal Mining; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.4.

Keaton Fork 0.0 to 5.1 Johnson County

Into Left Fork Blaine Creek Segment Length: 5.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Knox Creek 0.0 to 8.0 Pike County

Into Tug Fork of Big Sandy River Segment Length: 8

Impaired Use(s): Fish Consumption (Nonsupport); Warm Water Aquatic Habitat (Partial

Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; PCB in Fish Tissue; Sedimentation/Siltation; Specific

Conductance; Temperature, water

Suspected Sources: Channelization; Coal Mining; Habitat Modification - other than

Hydromodification; On-site Treatment Systems (Septic Systems

and Similar Decentralized Systems); Source Unknown; Upstream Source

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.9.

Left Fork Beaver Creek 0.0 to 11.4 Floyd County

Into Beaver Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Sedimentation/Siltation; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Postdevelopment Erosion and Sedimentation; Unspecified Urban

Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

<u>Left Fork Beaver Creek 11.4 to 13.55</u> Floyd County

Into Beaver Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance Suspected Sources: Coal Mining; On-site Treatment Systems

(Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas

Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Left Fork Beaver Creek 13.55 to 18.7 Floyd County

Into Beaver Creek Segment Length: 5.15

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Specific

Conductance; Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.6 to 18.7.

<u>Left Fork Beaver Creek 18.7 to 28.6</u> Floyd County

Into Beaver Creek Segment Length: 5.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Left Fork Blaine Creek 0.0 to 2.1 Lawrence County
Into Blaine Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock Mining or

Quarries; Silviculture Activities; Surface Mining

Left Fork Malachi Branch 0.0 to 0.7 Pike County

Into Right Fork Malachi Branch Segment Length: 0.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Left Fork Middle Creek 0.0 to 10.3 Floyd County

Into Middle Creek of Levisa Fork

Segment Length: 10.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Fecal Coliform; pH; Specific Conductance; Total Dissolved Solids

Suspected Sources: Non-Point Source; Source Unknown; Surface Mining

The river miles for this segment have been expanded due to an additional assessment point. This segment was formerly 0.0 to 8.4.

<u>Levisa Fork 0.0 to 5.8</u>
Into Big Sandy River

Lawrence County
Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Organic Enrichment (Sewage) Biological Indicators; Specific

Conductance; Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-

Point Source; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Source Unknown

Levisa Fork 116.0 to 124.4 Pike County

Into Big Sandy River Segment Length: 8.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Fecal Coliform; Sedimentation/Siltation

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

Decentralized Systems); Sewage Discharges in Unsewered Areas;

Surface Mining

<u>Levisa Fork 5.8 to 15.3</u>
Into Big Sandy River

Lawrence County
Segment Length: 9.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption

(Partial Support)

Pollutant(s): Methylmercury; Polychlorinated biphenyls;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Source Unknown; Surface Mining

Levisa Fork 31.4 to 54.7 Floyd County

Into Big Sandy River Segment Length: 23.3 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance; Total Suspended Solids

(TSS)

Suspected Sources: Coal Mining; Non-Point Source; Package Plant or Other Permitted

Small Flows Discharges; Urban Runoff/Storm Sewers

Levisa Fork 65.2 to 98.0 Pike County

Into Big Sandy River Segment Length: 32.8 Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Chlorine; Fecal Coliform; Organic Enrichment (Sewage) Biological

Indicators; Oxygen, Dissolved; Specific Conductance; Total

Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-

Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted

Small Flows Discharges; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to stop the assessment at the dam. This segment formerly went through the dam to river mile 99.9, which was an error.

Levisa Fork 98.0 to 101.25 Pike County

Into Big Sandy River Segment Length: 3.25

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

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

Decentralized Systems); Urban Runoff/Storm Sewers

<u>Lick Branch 0.0 to 1.3</u> Martin County

Into Coldwater Fork Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Lick Creek 0.3 to 4.7 Pike County

Into Levisa Fork of Big Sandy River Segment Length: 4.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-

construction Related); Loss of Riparian Habitat; Non-Point Source

<u>Little Paint Creek 3.2 to 6.5</u> Johnson County

Into Open Fork Paint Creek Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.2 to 6.4.

Little Paint Creek 6.5 to 11.6 Johnson County

Into Paint Creek Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Subsurface (Hardrock)

Mining; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.4 to 11.6.

Lockwood Creek 2.6 to 3.2 Boyd County

Into Big Sandy River Segment Length: 0.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source; Source Unknown

Long Branch 0.0 to 2.0 Floyd County

Into Johns Creek Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved

Solids

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Long Fork 0.0 to 1.4 Floyd County

Into Buck Branch Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

Long Fork 0.4 to 7.5 Pike County

Into Shelby Creek Segment Length: 7.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

<u>Lower Chloe Creek 0.0 to 1.5</u> Pike County

Into Levisa Fork of Big Sandy River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

<u>Lower Laurel Fork 0.0 to 7.9</u>
Into Blaine Creek

Lawrence County
Segment Length: 7.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining;

Unspecified Urban Stormwater

Marrowbone Creek 1.4 to 11.3 Pike County

Into Russell Fork Segment Length: 9.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Post-development Erosion and

Sedimentation; Surface Mining

Meathouse Fork 0.0 to 2.9 Pike County

Into Johns Creek Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Suspended

Solids (TSS)

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source; Package

Plant or Other Permitted Small Flows Discharges

Middle Creek Levisa Fork 0.0 to 4.6 Floyd County

Into Levisa Fork of Big Sandy River Segment Length: 4.6 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance;

Total Suspended Solids (TSS)

Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows

Discharges; Sand/gravel/rock Mining or Quarries; Surface Mining;

Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.5.

Middle Fork Rockcastle Creek 0.0 to 16.8 Martin County

Into Rockcastle Creek Segment Length: 16.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface

Mining

Miller Creek 0.0 to 6.4 Johnson County

Into Levisa Fork Big Sandy River Segment Length: 6.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Total

Dissolved Solids

Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Post-development

Erosion and Sedimentation; Surface Mining

Mud Creek 0.0 to 2.7 Floyd County

Into Levisa Fork Big Sandy River Segment Length: 2.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Turbidity

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

Nats Creek 0.0 to 3.1 Lawrence County
Into Levisa Fork Segment Length: 3.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Open Fork 6.4 to 11.3 Morgan County

Into Paint Creek Segment Length: 4.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; pH; Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock Mining or

Quarries; Silviculture Activities; Surface Mining

Otter Creek 0.0 to 0.5 Floyd County

Into Left Fork Beaver Creek Segment Length: 0.5 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Nitrogen (Total);

Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Phosphorus (Total);

Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Post-

development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Paddle Creek 0.0 to 1.4 Boyd County

Into Ice Dam Creek Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Total

Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification; Industrial

Point Source Discharge; Post-development Erosion and

Sedimentation; Unspecified Urban Stormwater

Paint Creek 0.0 to 7.1 Johnson County
Into Levisa Fork of Big Sandy River Segment Length: 7.1

Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Temperature, water

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

Decentralized Systems); Post-development Erosion and

Sedimentation; Unspecified Domestic Waste; Woodlot Site Clearance

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.9.

Paint Creek 7.1 to 8.3 Johnson County

Into Levisa Fork of Big Sandy River Segment Length: 1.2 Impaired Use(s): Cold Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Temperature, water

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

Decentralized Systems); Post-development Erosion and

Sedimentation; Unspecified Domestic Waste; Woodlot Site Clearance

Panther Fork 0.0 to 2.95 Martin County

Into Wolf Creek Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Other

Spill Related Impacts; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.72.

Peter Creek 0.0 to 5.8 Pike County

Into Tug Fork Segment Length: 5.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Pigeonroost Fork 0.0 to 1.3 Martin County

Into Wolf Creek Segment Length: 1.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Pond Creek 0.0 to 9.7 Pike County

Into Tug Fork Segment Length: 9.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Total

Dissolved Solids

Suspected Sources: Discharges in Unsewered Areas; Loss of Riparian Habitat; On-site

Treatment Systems (Septic Systems and Similar Decentralized Systems);

Petroleum/natural Gas Activities; Surface Mining

Puncheon Branch 0.0 to 3.6 Knott County

Into Right Fork Beaver Creek Segment Length: 3.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Raccoon Creek 5.6 to 7.4 Pike County

Into Johns Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Sedimentation; 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 Floyd County

Into Beaver Creek Segment Length: 17.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Channelization; Coal Mining; Inappropriate

Waste Disposal; Loss of Riparian Habitat; Petroleum/natural Gas

Activities; Post-development Erosion and Sedimentation;

Silviculture Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 17.4 to 23.3 Floyd County

Into Beaver Creek Segment Length: 5.9 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Package Plant or Other Permitted

Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 23.3 to 30.3 Knott County

Into Beaver Creek Segment Length: 7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Inappropriate Waste Disposal; Package Plant or Other

Permitted Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 30.3 to 33.4 Knott County

Into Beaver Creek
Impaired Use(s):

Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; Loss of Riparian Habitat; On-site Treatment Systems

(Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas

Activities; Post-development Erosion and Sedimentation; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 33.4 to 37.9 Knott County

Into Beaver Creek Segment Length: 4.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Specific

Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork of Little Paint Creek 0.4 to 2.1 Floyd County

Into Little Paint Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source

Right Fork of Panther Fork 0.0 to 1.05 Martin County

Into Panther Fork Segment Length: 1.05

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

Right Fork of Whitecabin Branch 0.0 to 1.1 Martin County

Into Whitecabin Branch Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

Righthand Fork 0.0 to 2.0 Knott County

Into Bill D Branch Segment Length: 2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

Rob Fork 0.0 to 1.0 Pike County
Into Caney Creek Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Surface Mining

Rock Fork 0.0 to 7.0 Floyd County
Into Right Fork Beaver Creek Segment Length:

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; Dredging (E.g., for Navigation Channels); On-site

Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and

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Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Rockcastle Creek 0.0 to 3.7

Into Tug Fork

Impaired Use(s):

Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance;

Total Suspended Solids (TSS); Total Dissolved Solids

Suspected Sources: Non-Point Source; Rural (Residential Areas); Post-Development

Erosion and Sedimentation; Surface Mining

Rockcastle Creek 13.25 to 15.3 Martin County

Into Tug Fork Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Rockcastle Creek 3.7 to 13.25 Martin County

Into Tug Fork Segment Length: 9.55

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

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

Rockhouse Fork 0.0 to 6.4 Martin County

Into Rockcastle Creek Segment Length: 6.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Post-development

Erosion and Sedimentation; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.3.

Salisbury Branch 0.0 to 1.8 Knott County

Into Right Fork Beaver Creek Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/natural Gas Activities;

Petroleum/natural Gas Production Activities (Permitted); Rural

(Residential Areas)

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Salt Lick Creek 0.0 to 6.8 Floyd County

Into Right Fork Beaver Creek Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nitrogen (Total); Oxygen, Dissolved; Phosphorus

(Total); Sedimentation/Siltation; Specific Conductance;

Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Source

Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Shelby Creek 0.0 to 6.0 Pike County

Into Levisa Fork of Big Sandy River

Segment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance;

Total Dissolved Solids

Suspected Sources: Source Unknown; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.1.

Shelby Creek 6.0 to 13.3 Pike County

Into Levisa Fork of Big Sandy River Segment Length: 7.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Petroleum/natural Gas

Activities; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.1 to 13.3.

Simpson Branch 0.0 to 1.8 Floyd County

Into Left Fork Beaver Creek Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators;

Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved

Solids

Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Sizemore Branch 0.0 to 2.0 Floyd County

Into Left Fork Beaver Creek Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Spewing Camp Branch 0.0 to 3.1 Floyd County

Into Left Fork Beaver Creek Segment Length: 3.1 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

Pollutant(s): Cause Unknown; Escherichia coli; pH; Specific Conductance;

Total Dissolved Solids; Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Spurlock Creek 0.0 to 0.6 Floyd County

Into Left Fork Beaver Creek Segment Length: 0.6 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Spurlock Creek 0.6 to 4.0 Floyd County

Into Left Fork Beaver Creek Segment Length: 3.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Steele Creek 0.0 to 2.4 Floyd County

Into Right Fork Beaver Creek Segment Length: 2.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic

Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Stephens Branch 0.0 to 2.6 Floyd County

Into Right Fork Beaver Creek Segment Length: 2.6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Ammonia (Un-ionized); Nutrient/Eutrophication Biological

Indicators; Organic Enrichment (Sewage) Biological Indicators;

Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids

Suspected Sources: Coal Mining; Managed Pasture Grazing; On-site Treatment Systems

(Septic Systems and Similar Decentralized Systems); Petroleum/natural

Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Straight Fork 0.0 to 1.1 Martin County

Into Panther Fork Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

Stratton Branch 0.4 to 2.1 Floyd County

Into Johns Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance

Suspected Sources: Surface Mining

Sycamore Creek 0.0 to 3.8 Pike County

Into Johns Creek Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

Toms Creek 0.0 to 8.0
Into Levisa Fork
Johnson County
Segment Length: 8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Tug Fork 71.9 to 77.7 Pike County

Into Big Sandy River Segment Length: 5.8

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Polychlorinated biphenyls

Suspected Sources: Source Unknown

Turkey Creek 0.0 to 5.9 Floyd County

Into Right Fork Beaver Creek Segment Length: 5.9 Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport)

Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators;

Oxygen, Dissolved; Sedimentation/Siltation; Specific Conductance;

Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; On-site

> Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Site Clearance (Land Development or

Redevelopment)

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Upper Pidgeon Branch 0.0 to 2.1 Pike County

Into Elkhorn Creek Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nitrogen (Total); Sedimentation/Siltation; Total Dissolved Solids

Source Unknown; Surface Mining Suspected Sources:

See Chapter 4, Status of TMDLs Under Development Prior to 2010.

UT of Mudlick Branch 0.0 to 0.6 Martin County

Into Mudlick Branch Segment Length: Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact

Recreation Water (Nonsupport); Secondary Contact Recreation

Water (Nonsupport)

pH; Specific Conductance Pollutant(s):

Suspected Sources: **Surface Mining**

Venters Branch 0.4 to 1.8 Martin County

Into Middle Fork of Rockcastle Creek Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Specific Conductance

Suspected Sources: **Surface Mining**

Wilson Creek 0.0 to 2.9 Floyd County

Into Right Fork Beaver Creek Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation;

Total Dissolved Solids

Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; On-site

Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development

Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Wolf Creek 0.0 to 6.6 Martin County

Into Tug Fork of Big Sandy River Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact

Recreation Water (Partial Support)

Pollutant(s): Escherichia coli; Sedimentation/Siltation; Total Dissolved

Solids

Suspected Sources: Dredging (E.g., for Navigation Channels); Highway/Road/Bridge

Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban

Stormwater

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.5.

Wolf Creek 17.6 to 20.5 Martin County

Into Tug Fork of Big Sandy River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface

Mining

Wolf Creek 6.6 to 17.6 Martin County
Into Tug Fork of Big Sandy River Segment Length: 11

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total

Dissolved Solids

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.5 to 17.6.

Wolfpen Branch 0.0 to 1.7 Pike County

Into Grassy Creek Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved Solids Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting;

Surface Mining

13.2 Big Sandy River Basin Lakes

Dewey LakeFloyd CountyInto Johns CreekAcres: 1100Impaired Use(s):Secondary Contact Recreation Water (Partial Support)

Pollutant(s): Total Suspended Solids (TSS)

Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Surface Mining; Upstream Source

<u>Fishtrap Reservoir</u>
Into Levisa Fork of Big Sandy River

Pike County
Acres: 1143

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): PCB in Fish Tissue Suspected Sources: Upstream Source

Paintsville ReservoirJohnson CountyInto Paint CreekAcres: 1139

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Mercury in Fish Tissue

Suspected Sources: Source Unknown

13.3 Little Sandy River Basin Streams

Allcorn Creek 0.7 to 3.2 Greenup County

Into Little Sandy River Segment Length: 2.5

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.4 to 3.9.

Bandy Branch 0.0 to 1.4 Elliott County

Into Middle Fork of Little Sandy River Segment Length: 1.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

Barrett Creek 0.0 to 7.2 Carter County

Into Little Sandy River Segment Length: 7.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Site

Clearance (Land Development or Redevelopment)

Cane Creek 0.0 to 4.1 Greenup County

Into Little Sandy River Segment Length: 4.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Dry Fork 1.2 to 4.5</u> Lawrence County

Into Little Fork Little Sandy River

Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation Suspected Sources: Silviculture Harvesting

East Fork Little Sandy River 24.9 to 26.4 Boyd County

Into Little Sandy River Segment Length: 1.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

East Fork Little Sandy River 27.6 to 30.9 Boyd County

Into Little Sandy River Segment Length: 3.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Legacy coal extraction; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data

Set. This segment was formerly 627.1 to 30.0.

East Fork Little Sandy River 4.7 to 14.2 Greenup County

Into Little Sandy River Segment Length: 9.5

Impaired Use(s): Primary Contact Recreation Water (Partial Support)

Pollutant(s): Escherichia coli Suspected Sources: Agriculture

Ellingtons Bear Cr 0.0 to 1.5 Boyd County

Into East Fork Little Sandy River Segment Length: 1.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Temperature, water

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Everman Cr 0.0 to 5.7 Carter County

Into Little Sandy River Segment Length: 5.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown

Garner Cr 0.0 to 1.8 Boyd County

Into East Fork Little Sandy River Segment Length: 1.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Hurricane Fork 0.0 to 2.2 Boyd County

Into Keys Creek Segment Length: 2.2

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Loss of Riparian Habitat; Non-Point Source

<u>Left Fork Redwine Creek 0.0 to 1.2</u> Elliott County

Into Redwine Creek Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown Suspected Sources: Source Unknown

<u>Lick Fork 0.0 to 5.2</u> Elliott County

Into Newcombe Creek Segment Length: 5.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification; Managed

Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Sand/gravel/rock Mining or Quarries; Unspecified Urban

Stormwater

Little Fork Little Sandy River 12.1 to 23.8 Carter County

Into Little Sandy River Segment Length: 11.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 12.0 to 23.8.

<u>Little Fork Little Sandy River 23.8 to 29.8</u> Elliott County
Into Little Sandy River Segment Length: 6

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): 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 27.7.

<u>Little Fork Little Sandy River 27.7 to 30.5</u> Elliott County

Into Little Sandy River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat

<u>Little Fork Little Sandy River 5.0 to 6.0</u>Carter County

Into Little Sandy River Segment Length: 1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.8 to 6.0.

<u>Little Fork Little Sandy River 6.0 to 12.1</u> Carter County

Into Little Sandy River Segment Length: 6.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Chlorine; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Package

Plant or Other Permitted Small Flows Discharges

<u>Little Sandy River 0.15 to 0.3</u> Greenup County

Into Ohio River Segment Length: 0.15

Impaired Use(s): Primary Contact Recreation Water (Nonsupport)

Pollutant(s): Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 0.2.

<u>Little Sandy River 12.1 to 20.1</u>
Into Ohio River

Greenup County
Segment Length: 8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Source Unknown; Upstream Source

<u>Little Sandy River 71.8 to 74.7</u> Elliott County

Into Ohio River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification

Lower Stinson Creek 0.0 to 1.1 Carter County

Into Little Sandy River Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Middle Fork Little Sandy River 5.8 to 7.5 Elliott County

Into Little Sandy River Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 5.7 to 7.5.

Near Fork Sandsuck Creek 1.1 to 2.0 Greenup County

Into Sandsuck Creek Segment Length: 0.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

Newcombe Creek 1.1 to 7.3 Elliott County

Into Little Sandy River Segment Length: 6.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Silviculture Activities; Petroleum/Natural Gas

Activities

The river miles for this segment have been changed to begin at the embayment to Right Fork Newcombe Creek and to stop at Lick Fork. This segment was formerly 0.0 to 11.9.

Oldtown Creek 0.0 to 1.9 Greenup County

Into Little Sandy River Segment Length: 1.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Oil and Grease; Sedimentation/Siltation; Temperature, water;

Turbidity

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian

Habitat; Source Unknown

Right Fork Newcombe Creek 0.0 to 4.2 Elliott County

Into Newcombe Creek Segment Length: 4.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification -

other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Sand/gravel/rock Mining or Quarries; Surface Mining

Rocky Branch 0.0 to 3.2 Elliott County

Into Newcombe Creek Segment Length: 3.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Habitat Modification - other than Hydromodification; Highways,

Roads, Bridges, Infrastructure (New Construction);

Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Surface Mining;

Unspecified Urban Stormwater

South Fork Ruin Creek 0.7 to 5.5 Elliott County

Into Little Sandy River Segment Length: 4.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges,

Infrastructure (New Construction)

Straight Creek 0.0 to 3.8 Carter County

Into Little Fork Little Sandy River Segment Length: 3.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Silviculture Harvesting

Tunnel Branch 0.0 to 1.7 Greenup County

Into Little Sandy River Segment Length: 1.7

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water

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

Sedimentation

<u>UT of Clay Fork 0.0 to 1.2</u> Elliott County

Into Clay Fork Segment Length: 1.2

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Non-Point Source; Source Unknown

<u>UT to East Fork Little Sandy River 0.0 to 0.3</u> Greenup County

Into East Fork, Little Sandy River Segment Length: 0.3

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment

(Sewage) Biological Indicators; Sedimentation/Siltation; Total

Dissolved Solids

Suspected Sources: Channelization; On-site Treatment Systems (Septic Systems and

Similar Decentralized Systems)

Wells Creek 0.0 to 3.5 Elliott County

Into Little Sandy River Segment Length: 3.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): 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 Greenup County

Into Little Sandy River Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Williams Creek 0.0 to 2.9 Boyd County

Into East Fork of Little Sandy River Segment Length: 2.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Habitat Modification - other than Hydromodification; Natural Sources;

Source Unknown; Streambank Modifications/destabilization

13.4 Little Sandy River Basin Lakes

Grayson Lake Carter County Into Little Sandy River Acres: 1512

Impaired Use(s): Fish Consumption (Partial Support) Mercury in Fish Tissue

Pollutant(s): Suspected Sources: Source Unknown

13.5 Ohio River Basin Streams

Newberry Branch 0.0 to 2.8 Greenup County

Into Ohio River Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators;

Sedimentation/Siltation; Total Dissolved Solids

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction

Related); Non-irrigated Crop Production

Rockhouse Fork 0.0 to 2.1 Greenup County

Into Daniels Fork Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

<u>UT to Chinns Branch 0.0 to 1.1</u> Greenup County

Into Chinns Branch Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water

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

Erosion and Sedimentation

Big Sandy-Little Sandy-Tygarts Basin Unit Tygarts Creek Basin Streams

13.6 Tygarts Creek Basin Streams

Backs Branch 0.0 to 0.9 Greenup County

Into Tygarts Creek Segment Length: 0.9

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

<u>Jacobs Fork 3.6 to 5.7</u> Carter County

Into Tygarts Creek Segment Length: 2.1

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Dredge Mining; Dredging (E.g., for Navigation

Channels); Managed Pasture Grazing

Jacobs Fork 0.0 to 2.05 Carter County

Into Tygarts Creek Segment Length: 2.05

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Source Unknown; Unrestricted

Cattle Access

Schultz Creek 4.7 to 7.5 Greenup County

Into Tygarts Creek Segment Length: 2.8

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.7 to 10.8.

Smith Creek 2.0 to 4.3 Carter County

Into Buffalo Creek Segment Length: 2.3

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water

Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown

Soldier Fork 0.0 to 5.5 Carter County

Into Jacobs Fork Segment Length: 5.5

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source

Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit Tygarts Creek Basin Streams

Trough Camp 1.5 to 6.1 Carter County

Into Tygarts Creek Segment Length: 4.6

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Channelization; Post-development Erosion and Sedimentation

Tygarts Creek 0.2 to 25.0 Greenup County

Into Ohio River Segment Length: 24.8

Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; PCB in Fish Tissue

Suspected Sources: Source Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 25.0 to 36.3 Greenup County

Into Ohio River Segment Length: 11.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption

(Nonsupport)

Pollutant(s): Methylmercury; Nutrient/Eutrophication Biological Indicators;

PCB in Fish Tissue; Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source

Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 36.3 to 45.5 Greenup County

Into Ohio River Segment Length: 9.2

Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; PCB in Fish Tissue

Suspected Sources: Source Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 83.2 to 88.6 Carter County

Into Ohio River Segment Length: 5.4

Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit Tygarts Creek Basin Streams

White Oak Creek 0.0 to 1.1 Greenup County

Into Tygarts Creek Segment Length: 1.1

Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)

Pollutant(s): Cause Unknown

Suspected Sources: Habitat Modification - other than Hydromodification; Highways,

Roads, Bridges, Infrastructure (New Construction)

Ohio River Mainstem

Chapter 14. Ohio River Mainstem 303(d) List

14.1 Ohio River Mainstem

Ohio River 317.2 to 319.4 Boyd County

NHD miles 317.6 to 319.7 Segment Length: 2.2

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 319.4 to 340.8

NHD miles 319.7 to 341.05

Boyd and Greenup Counties
Segment Length: 21.4

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 340.8 to 356.6 Greenup County

NHD miles 341.05 to 356.8 Segment Length: 15.8

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated biphenyls

Suspected Sources: Source Unknown

Ohio River 356.6 to 377.7 Greenup and Lewis Counties NHD miles 356.8 to 377.65 Segment Length: 21.1

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 377.7 to 382.9 Lewis County

NHD miles 377.65 to 382.85 Segment Length: 5.2

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River Mainstem

Ohio River 382.9 388.0 Lewis County

NHD miles 382.85 to 388.0 Segment Length: 5.1

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 388.0 to 436.5 Lewis, Mason and Bracken Counties

NHD miles 388.0 to 436.2 Segment Length: 48.5

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 436.5 to 464.5 Bracken, Pendleton and Campbell

Counties

NHD miles 436.2 to 464.1 Segment Length: 28.0

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 464.5 to 465.2 Campbell County
NHD miles 464.1 to 464.8 Segment Length: 0.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 465.2 to 469.3 Campbell County
NHD miles 464.8 to 468.85 Segment Length: 4.1

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 469.3 to 471.4 Campbell and Kenton Counties

NHD miles 468.85 to 471.0 Segment Length: 2.1

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 471.4 to 475.1 Kenton County

NHD miles 471.0 to 474.65 Segment Length: 3.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 475.1 to 477.6

NHD miles 474.65 to 477.1

Segment Length: 2.5

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 477.6 to 488.0 Boone County

NHD miles 477.1 to 487.4 Segment Length: 10.4

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 488.0 to 603.3 Boone, Gallatin, Carroll, Trimble,

Oldham and Jefferson Counties

NHD miles 487.4 to 602.1 Segment Length: 115.3

Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 603.3 to 608.1 Jefferson County

NHD miles 602.1 to 606.6 Segment Length: 4.8

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 608.1 to 609.2Jefferson CountyNHD miles 606.6 to 607.65Segment Length: 1.1Impaired Use(s):Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 609.2 to 614.9

NHD miles 607.65 to 613.3

Jefferson County
Segment Length: 5.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 614.9 to 683.0 Jefferson, Hardin and Meade

Counties

NHD miles 613.3 to 680.9 Segment Length: 68.1 Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 683.0 to 719.5 Meade, Breckinridge and Hancock

Counties

NHD miles 680.9 to 716.8 Segment Length: 36.5

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 719.5 to 735.7 Hancock County

NHD miles 716.8 to 732.8 Segment Length: 18.2 Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 735.7 to 756.4 Hancock and Daviess Counties NHD miles 732.8 to 753.1 Segment Length: 20.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

Ohio River 756.4 to 760.6 Daviess County

NHD miles 753.1 to 757.0 Segment Length: 4.2

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 760.6 to 789.3 Daviess and Henderson Counties

NHD miles 757.0 to 785.55 Segment Length: 28.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 789.3 to 792.1

NHD miles 785.55 to 788.4

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 792.1 to 793.2 Henderson County
NHD miles 788.4 to 789.3 Segment Length: 1.1

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

Ohio River 793.2 to 798.4

NHD miles 789.3 to 794.45

Segment Length: 5.2

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 798.4 to 799.8 Henderson County
NHD miles 794.45 to 795.85 Segment Length: 1.4

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 799.8 to 802.9

NHD miles 795.85 to 798.9

Henderson County

Segment Length: 3.1

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 802.9 to 820.1Henderson CountyNHD miles 789.9 to 816.25Segment Length: 17.2

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

Ohio River 820.1 to 826.4

NHD miles 816.25 to 822.5

Segment Length: 6.3

Invasional Use(s): Fish Consumption (Partial Support) Primary Contact Reposition

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation

(Nonsupport)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 826.4 to 847.3Henderson and Union CountiesNHD miles 822.5 to 843.1Segment Length: 20.9

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 847.3 to 853.4 Union County

NHD miles 843.1 to 849.36 Segment Length: 6.1

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 853.4 to 857.6 Union County

NHD miles 849.35 to 853.3 Segment Length: 4.2

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 857.6 to 862.1 Union County

NHD miles 853.3 to 857.8 Segment Length: 4.5

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 862.1 to 872.8 Union County

NHD miles 857.8 to 868.3 Segment Length: 10.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 872.8 to 878.2 Union and Crittenden Counties

NHD miles 868.3 to 873.25 Segment Length: 5.4

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 878.2 to 882.9

NHD miles 873.25 to 877.9

Crittenden County
Segment Length: 4.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 882.9 to 894.6 Crittenden and Livingston Counties

NHD miles 877.9 to 889.45 Segment Length: 11.7

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 894.6 to 910.3 Livingston County

NHD miles 889.45 to 904.85 Segment Length: 15.7

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

Ohio River 910.3 to 920.5 Livingston County

NHD miles 904.85 to 914.9 Segment Length: 10.2

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Ohio River 920.5 to 925.8 Livingston County
NHD miles 914.9 to 919.85 Segment Length: 5.3

Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial

Support)

Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated

Biphenyls

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Ohio River 925.8 to 981.0 Livingston, McCracken, Ballard and

Carlisle Counties

NHD miles 919.85 to 974.9 Segment Length: 10.2

Impaired Use(s): Fish Consumption (Partial Support)

Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls

Suspected Sources: Source Unknown

Appendix A. Table of Category 5 Listings for the 5 BMUs

Category 5 is the list of impaired waterbody/pollutant combinations that require TMDLs (i.e., the 303(d) List). This appendix contains most of the narrative information found in Chapters 9 through 14, in tabular format.

This appendix also lists a waterbody identifier number (Waterbody ID) that is unique to each segment, and a USGS Hydrologic Unit Code 8 (8-Digit HUC) number. In addition, each pollutant is listed individually and the assessment category and suspected source(s) associated with each pollutant are indicated. Note that if a segment has both the pollutants of fecal coliform and *Escherichia coli* associated with it, it is listed as one impairment because only one TMDL would be required to address both of these pathogen indicators. For the same reason of only requiring one TMDL, if multiple uses are associated with one pollutant, it is indicated as one use. Thus, the reader can obtain a count of the TMDLs required (2422) by counting the number of listings in this table.

Some of the information has been abbreviated to address issues with width of the table. The key below indicates abbreviations for the use associated with a pollutant. Additionally, the abbreviation of NS under the Assessment Category header indicates nonsupport, while PS indicates partial support. All of the listings are in Category 5.

Key for Use (Designated Use)

| WAH | Warm Water Aquatic Habitat |
|-----|------------------------------|
| САН | Cold Water Aquatic Habitat |
| PCR | Primary Contact Recreation |
| SCR | Secondary Contact Recreation |
| FC | Fish Consumption |
| DWS | Domestic Water Supply |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|----------|------------|-----|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Arnolds Creek 0.0 to 10.8 | 10.8 miles | KY486059_00 | 5100205 | Grant | 5-PS | WAH | Sedimentation/ Siltation | Non-Irrigated Crop Production, Streambank Modifications/Destabilization |
| Bailey Run 0.0 to 2.9 | 2.9 miles | KY486229_01 | 5100205 | 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 | 5100205 | Anderson | 5-PS | WAH | Total Dissolved Solids | Source Unknown, Unspecified Urban Stormwater |
| Balls Branch 0.0 to 4.9 | 4.9 miles | KY486303_01 | 5100205 | Boyle | 5-NS | PCR | Escherichia coli | Agriculture, Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) |
| Balls Fork 8.3 to 11.3 | 3 miles | KY486305_00 | 5100201 | 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 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Baughman Creek 0.0 to 4.6 | 4.6 miles | KY486477_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Unrestricted Cattle Access |
| Beals Run 0.0 to 1.9 | 1.9 miles | KY486507_01 | 5100205 | 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 | 5100205 | Woodford | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------|------------|--------------|---------|----------|------------|-----|-----------------------|-----------------------------|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Highways, Roads, Bridges, |
| | | | | | | | | Infrastructure (New |
| | | | | | | | | Construction), Livestock |
| | | | | | | | | (Grazing or Feeding |
| | | | | | | | | Operations), Site Clearance |
| Beals Run 0.0 to | | | | | | | Sedimentation/ | (Land Development or |
| 1.9 | 1.9 miles | KY486507_01 | 5100205 | Woodford | 5-NS | WAH | Siltation | Redevelopment) |
| | | | | | | | | Agriculture, Habitat |
| Benson Creek 0.0 | | | | | | | Sedimentation/ | Modification - other than |
| to 4.6 | 4.6 miles | KY486877_01 | 5100205 | Franklin | 5-PS | WAH | Siltation | Hydromodification |
| | | | | | | | | Agriculture, On-Site |
| | | | | | | | Nutrient/ | Treatment Systems (Septic |
| Benson Creek 4.6 | | | | | | | Eutrophication | Systems and Similar |
| to 6.7 | 2.1 miles | KY486877_02 | 5100205 | Franklin | 5-PS | WAH | Biological Indicators | Decentralized Systems) |
| | | | | | | | | Agriculture, Habitat |
| | | | | | | | | Modification - other than |
| | | | | | | | | Hydromodification, |
| Benson Creek 4.6 | | | | | | | Sedimentation/ | Highway/Road/Bridge Runoff |
| to 6.7 | 2.1 miles | KY486877_02 | 5100205 | Franklin | 5-PS | WAH | Siltation | (Non-Construction Related) |
| | | | | | | | Nutrient/ | |
| Benson Creek 6.7 | | | | | | | Eutrophication | |
| to 13.4 | 6.7 miles | KY486877_03 | 5100205 | Franklin | 5-NS | WAH | Biological Indicators | Agriculture |
| | | | | | | | | Agriculture, Habitat |
| | | | | | | | | Modification - other than |
| | | | | | | | | Hydromodification, |
| Benson Creek 6.7 | | | | | | | Sedimentation/ | Highway/Road/Bridge Runoff |
| to 13.4 | 6.7 miles | KY486877_03 | 5100205 | Franklin | 5-NS | WAH | Siltation | (Non-Construction Related) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------|------------|----------------|----------|-----------|------------|---|-----------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | | Impacts from Abandoned |
| | | | | | | | | Mine Lands (Inactive), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Sand/Gravel/Rock Mining or |
| | | | | | | | | Quarries, Silviculture |
| D' C C 1 | | | | | | | 0 1: | Harvesting, Streambank |
| Big Caney Creek | 7.7 1 | 1/3//107150 00 | £100201 | D 41.44 | 5 DC | XXZATT | Sedimentation/ | Modifications/Destabilization, |
| 0.3 to 8.0 | 7.7 miles | KY487150_00 | 5100201 | Breathitt | 5-PS | WAH | Siltation | Surface Mining |
| | | | | | | | | Impacts from Abandoned Mine Lands (Inactive), |
| | | | | | | | | Sand/Gravel/Rock Mining or |
| Big Caney Creek | | | | | | | Total Dissolved | Quarries, Silviculture |
| 0.3 to 8.0 | 7.7 miles | KY487150 00 | 5100201 | Breathitt | 5-PS | WAH | Solids | Harvesting, Surface Mining |
| 0.5 to 0.0 | 7.7 Hilles | K1407130_00 | 3100201 | Breatifit | 315 | *************************************** | Solids | Impacts from Abandoned |
| | | | | | | | | Mine Lands (Inactive), |
| | | | | | | | | Surface Mining, Subsurface |
| | | | | | | | | (Hardrock) Mining, |
| | | | | | | | | Streambank |
| Big Caney Creek | | | | | | | | Modifications/destabilization, |
| 0.3 to 8.0 | 7.7 miles | KY487150_00 | 05100201 | Breathitt | 5-PS | WAH | Turbidity | Loss of Riparian Habitat |
| | | | | | | | | Agriculture, Habitat |
| Big Twin Creek | | | | | | | Sedimentation/ | Modification - other than |
| 0.0 to 3.8 | 3.8 miles | KY487286_00 | 5100205 | Owen | 5-PS | WAH | Siltation | Hydromodification |
| | | | | | | | | Impacts from Abandoned |
| | | | | | | | | Mine Lands (Inactive), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Sand/Gravel/Rock Mining or |
| | | | | | | | | Quarries, Silviculture |
| D: W'II 10 1 | | | | | | | | Harvesting, Streambank |
| Big Willard Creek | 4.5 | IXXE10700 00 | £100001 | D | 5 NO | XX/ATT | Sedimentation/ | Modifications/Destabilization, |
| 0.0 to 4.5 | 4.5 miles | KY510708_00 | 5100201 | Perry | 5-NS | WAH | Siltation | Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------------|------------|--------------|---------|---------|------------|-----|---------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Big Willard Creek 0.0 to 4.5 | 4.5 miles | KY510708_00 | 5100201 | 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 | 5100201 | 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 |
| Black John Branch 0.0 to 0.4 | 0.4 miles | KY487369_01 | 5100201 | 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 | 5100201 | 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 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Blair Branch 0.0 to 0.7 | 0.7 miles | KY487435_01 | 5100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Blair Branch 0.0 to 0.7 | 0.7 miles | KY487435_01 | 5100201 | 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 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Blue Lick 0.0 to 4.1 | 4.1 miles | KY487526_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture, Animal Feeding Operations (NPS) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------------|------------|--------------|----------|-----------|------------|-------------|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Boone Creek 7.4 to 12.6 | 5.2 miles | KY487688_02 | 5100205 | Fayette | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Boone Creek 7.4 to 12.6 | 5.2 miles | KY487688_02 | 5100205 | Fayette | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Bowen Creek 0.0 to 1.5 | 1.5 miles | KY510866_01 | 5100203 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |
| Breeding Branch 0.9 to 4.2 | 3.3 miles | KY487857_01 | 5100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Breeding Branch 0.9 to 4.2 | 3.3 miles | KY487857_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Breeding Branch 0.9 to 4.2 | 3.3 miles | KY487857_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Brush Creek 0.0 to 6.6 | 6.6 miles | KY510969_00 | 5100204 | Powell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Buckhorn Creek 2.4 to 6.8 | 4.4 miles | KY488268_02 | 5100201 | Breathitt | 5-PS | WAH | Sedimentation/ Siltation | Impacts from Abandoned Mine Lands (Inactive) |
| Buckhorn Creek 2.4 to 6.8 | 4.4 miles | KY488268_02 | 5100201 | 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 | 05100201 | Breathitt | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Bull Creek 0.0 to 2.0 | 2 miles | KY511048_00 | 5100203 | Knox | 5-PS | WAH | Sedimentation/ Siltation | Non-Irrigated Crop Production |
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | 5100205 | Scott | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Package Plant or Other Permitted Small Flows Discharges, Unspecified Urban Stormwater |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|----------------------|------------|--------------|---------|---------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | 5100205 | 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 | 5100205 | Scott | 5-NS | WAH | Sedimentation/ Siltation | Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Non-Irrigated Crop Production |
| Cane Run 3.0 to 9.6 | 6.6 miles | KY488799_02 | 5100205 | 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 | 5100205 | Scott | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations), Package Plant or Other Permitted Small Flows Discharges, Landfills |
| Cane Run 3.0 to 9.6 | 6.6 miles | KY488799_02 | 5100205 | Scott | 5-NS | WAH | Specific Conductance | Highways, Roads, Bridges, Infrastructure (New Construction), Livestock (Grazing or Feeding Operations), Landfills |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | 5100205 | Fayette | 5-NS | PCR, SCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | 5100205 | 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 | 5100205 | Fayette | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|--------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Caney Creek 0.0 to 1.5 | 1.5 miles | KY488843_01 | 5100205 | 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 | 5100205 | 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 | 5100205 | Owen | 5-PS | WAH | Sedimentation/ Siltation | Channelization, Loss of Riparian Habitat, Managed Pasture Grazing |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | 5100201 | Knott | 5-NS | PCR, SCR | Fecal Coliform, Escherichia coli | Unspecified Domestic Waste |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | 5100201 | 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 | 5100201 | Knott | 5-PS | WAH | Total Suspended Solids (TSS) | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Carr Fork 6.2 to 8.9 | 2.7 miles | KY511230_02 | 5100201 | Knott | 5-NS | CAH, WAH | Specific Conductance | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Carr Fork 6.2 to 8.9 | 2.7 miles | KY511230_02 | 5100201 | Knott | 5-NS | CAH, WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Cat Creek 0.0 to 8.0 | 8 miles | KY511245_01 | 5100204 | Powell | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat |
| Cedar Creek 0.0 to 9.4 | 9.4 miles | KY489184_01 | 5100205 | Owen | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Cedar Creek 0.0 to 9.4 | 9.4 miles | KY489184_01 | 5100205 | Owen | 5-PS | WAH | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-Construction Related), Managed Pasture Grazing, Silviculture Activities |
| Chambers Fork 0.7 to 1.1 | 0.4 miles | KY489323_01 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_01 | 5100205 | Boyle | 5-PS | WAH | Ammonia (Unionized) | 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 | 5100205 | Boyle | 5-NS | PCR | Escherichia coli | Unrestricted Cattle Access |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_01 | 5100205 | Boyle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges, Unrestricted Cattle Access, Urban Runoff/Storm Sewers Municipal Point Source |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_01 | 5100205 | Boyle | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Discharges, Unrestricted Cattle Access, Urban Runoff/Storm Sewers |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_01 | 5100205 | Boyle | 5-PS | WAH | Sedimentation/ Siltation | Municipal Point Source Discharges, Streambank Modifications/Destabilization |
| Clarks Run 4.4 to 6.7 | 2.3 miles | KY489554_02 | 5100205 | Boyle | 5-NS | PCR | Escherichia coli | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Clarks Run 6.7 to 14.3 | 7.6 miles | KY489554_03 | 5100205 | Boyle | 5-NS | PCR | Escherichia coli | Source Unknown |
| Clarks Run 6.7 to 14.3 | 7.6 miles | KY489554_03 | 5100205 | Boyle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture, Urban Runoff/Storm Sewers |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|-----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Clarks Run 6.7 to 14.3 | 7.6 miles | KY489554_03 | 5100205 | Boyle | 5-PS | WAH | Sedimentation/ Siltation | Streambank Modifications/Destabilization |
| Collins Fork 2.4 to 6.3 | 3.9 miles | KY511474_00 | 5100203 | Clay | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - other than Hydromodification |
| Cope Fork 0.0 to 1.9 | 1.9 miles | KY490072_00 | 5100201 | 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 | 5100201 | Breathitt | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Copper Creek 0.0 to 2.2 | 2.2 miles | KY511529_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Unrestricted Cattle Access |
| Crane Creek 0.0 to 5.4 | 5.4 miles | KY511620_01 | 5100203 | Clay | 5-PS | WAH | Sedimentation/ Siltation | Channelization, Loss of Riparian Habitat, Post- Development Erosion and Sedimentation |
| Crystal Creek 0.0 to 2.3 | 2.3 miles | KY511669_01 | 5100201 | Lee | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Landfills |
| Crystal Creek 0.0 to 2.3 | 2.3 miles | KY511669_01 | 5100201 | Lee | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Landfills |
| Cutshin Creek 9.7 to 10.7 | 1 miles | KY511693_01 | 5100202 | Leslie | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|---------|------------|------------|--------------|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| David Fork 0.0 to 1.65 | 1.65 miles | KY490622_01 | 5100205 | Fayette | 5-NS | PCR | Escherichia coli | Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Managed Pasture Grazing |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | 5100201 | Knott | 5-NS | PCR, SCR | Fecal coliform | Source Unknown, Unspecified Domestic Waste |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | 5100201 | Knott | 5-NS | CAH, WAH | Selenium | Mountaintop Mining, Surface Mining |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | 5100201 | Knott | 5-NS | CAH, SWAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | 5100201 | Knott | 5-NS | CAH, WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Dix River 33.3 to 36.1 | 2.8 miles | KY517054_02 | 5100205 | Garrard | 5-NS | PCR | Escherichia coli | Agriculture |
| Dix River 36.1 to 43.8 | 7.7 miles | KY517054_03 | 5100205 | Garrard | 5-NS | PCR | Escherichia coli | Agriculture, Municipal Point Source Discharges |
| Dix River 64.3 to 73.35 | 9.05 miles | KY517054_04 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture |
| Dix River 73.35 to 78.7 | 5.35 miles | KY517054_05 | 5100205 | Rockcastle | 5-NS | PCR | Escherichia coli | Agriculture, Municipal Point Source Discharges |
| Drakes Creek 1.15 to 7.3 | 6.15 miles | KY491093_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture |
| Dry Run 0.0 to 3.1 | 3.1 miles | KY491240_00 | 5100205 | Scott | 5-PS | WAH | Cause Unknown | Managed Pasture Grazing, Source Unknown |
| Dry Run 0.0 to 3.1 | 3.1 miles | KY491240_00 | 5100205 | 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 | 5100205 | Scott | 5-PS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing, Source Unknown |
| Duck Fork 0.0 to 4.8 | 4.8 miles | KY511938_01 | 5100204 | Lee | 5-PS | WAH | Cause Unknown | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Eagle Creek 50.8 to 58.5 | 7.7 miles | KY491407_03 | 5100205 | 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 | 5100205 | 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 | 5100205 | 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 | 5100205 | Grant | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land), Managed Pasture Grazing |
| East Fork Otter Creek 0.0 to 2.7 | 2.7 miles | KY491474_00 | 5100205 | 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 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater |
| Elk Creek 0.0 to 1.6 | 1.6 miles | KY491658_00 | 5100205 | Owen | 5-PS | WAH | Cause Unknown | Source Unknown |
| Elkhorn Creek 0.0 to 18.2 | 18.2 miles | KY491690_01 | 05100205 | Franklin | 5-PS | FC | Methylmercury | Source Unknown |
| Flat Creek 0.0 to 7.1 | 7.1 miles | KY492179_00 | 5100205 | Franklin | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| Flaxpatch Branch 0.1 to 2.6 | 2.5 miles | KY492233_01 | 5100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Flaxpatch Branch 0.1 to 2.6 | 2.5 miles | KY492233_01 | 5100201 | Knott | 5-NS | WAH | Iron | Mountaintop Mining, Surface Mining |
| Flaxpatch Branch 0.1 to 2.6 | 2.5 miles | KY492233_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Flaxpatch Branch 0.1 to 2.6 | 2.5 miles | KY492233_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Frog Branch 0.0 to 3.4 | 3.4 miles | KY492562_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture, Animal Feeding Operations (NPS) |
| Frozen Creek 0.0 to 13.9 | 13.9 miles | KY492582_01 | 5100201 | Breathitt | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Post- Development Erosion and Sedimentation |
| Gilberts Creek 0.0 to 1.25 | 1.25 miles | ky492826_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture |
| Goose Creek 0.0 to 1.8 | 1.8 miles | KY493013_01 | 5100205 | Shelby | 5-PS | WAH | Cause Unknown | Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related) |
| Goose Creek 0.0 to 1.8 | 1.8 miles | KY493013_01 | 5100205 | Shelby | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related) |
| Goose Creek 0.0 to 8.3 | 8.3 miles | KY512349_01 | 5100203 | Clay | 5-PS | PCR | Fecal Coliform | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Goose Creek 1.85 to 4.2 | 2.35 miles | KY493013_02 | 5100205 | Shelby | 5-PS | WAH | Cause Unknown | Agriculture, Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Impacts from Abandoned |
| | ļ | | | | | | | Mine Lands (Inactive), Loss of |
| | ļ | | | | | | | Riparian Habitat, |
| | ļ | | | | | | | Sand/Gravel/Rock Mining or |
| | ļ | | | | | | | Quarries, Silviculture |
| | ļ | | | | | | | Harvesting, Streambank |
| Grapevine Creek | | | | _ | | | Sedimentation/ | Modifications/Destabilization, |
| 0.0 to 1.1 | 1.1 miles | KY512371_00 | 5100201 | Perry | 5-NS | WAH | Siltation | Surface Mining |
| | ļ | | | | | | | Impacts from Abandoned |
| | ļ | | | | | | | Mine Lands (Inactive), |
| Canazina Casals | ļ | | | | | | Total Dissolved | Sand/Gravel/Rock Mining or |
| Grapevine Creek 0.0 to 1.1 | 1.1 miles | KY512371_00 | 5100201 | Perry | 5-NS | WAH | Solids | Quarries, Silviculture Harvesting, Surface Mining |
| 0.0 to 1.1 | 1.1 IIIIIes | K13123/1_00 | 3100201 | reny | 3-143 | WAII | Solius | Impacts from Abandoned |
| | ļ | | | | | | | Mine Lands (Inactive), Loss of |
| | ļ | | | | | | | Riparian Habitat, |
| | ļ | | | | | | | Sand/Gravel/Rock Mining or |
| | ļ | | | | | | | Quarries, Surface Mining, |
| Grapevine Creek | ļ | | | | | | | Streambank |
| 0.0 to 1.1 | 1.1 miles | KY512371_00 | 05100201 | Perry | 5-NS | WAH | Turbidity | Modifications/Destabilization |
| | | | | - | | | - | Agriculture, Livestock |
| | ļ | | | | | | | (Grazing or Feeding |
| | ļ | | | | | | | Operations), Non-Irrigated |
| | ļ | | | | | | | Crop Production, On-Site |
| Hanging Fork of | | | | | | | | Treatment Systems (Septic |
| Dix River 0.0 to | 15.85 | ************* | | | ~ > YG | D.C.D. | Fecal Coliform, | Systems and Similar |
| 15.85 | miles | KY493684_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Decentralized Systems) |
| Hanging Fork of | | | | | | | | |
| Dix River 15.85 to 24.15 | 8.3 miles | KY493684_02 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture |
| 24.13 | o.5 IIIIes | K 1 493084_02 | 3100203 | Lilicolli | J-1NS | PUK | Eschefichia con | Municipal Point Source |
| | | | | | | | | Discharges, On-Site Treatment |
| Hanging Fork of | | | | | | | | Systems (Septic Systems and |
| Dix River 24.15 to | | | | | | | | Similar Decentralized |
| 27.6 | 3.45 miles | KY493684_03 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Systems) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Hanging Fork of Dix River 27.6 to 32.2 | 4.6 miles | KY493684_04 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Hardwick Creek 0.0 to 3.2 | 3.2 miles | KY512561_00 | 5100204 | Powell | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Harris Creek 0.0 to 6.25 | 6.25 miles | KY493804_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture |
| Hatton Creek 0.0 to 4.2 | 4.2 miles | KY512588_00 | 5100204 | Powell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Hawes Fork 0.0 to 4.4 | 4.4 miles | KY493879_00 | 5100201 | 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 | 5100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining Impacts from Abandoned |
| Hawes Fork 0.0 to 4.4 | 4.4 miles | KY493879_00 | 05100201 | Breathitt | 5-NS | WAH | Turbidity | 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 miles | KY512629_01 | 5100203 | Clay | 5-PS | WAH | Cause Unknown | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Hickman Creek 6.0 to 25.5 | 19.5 miles | KY494112_02 | 5100205 | 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 | 5100205 | Jessamine | 5-PS | WAH | Sedimentation/ Siltation | Non-Irrigated Crop Production |
| Hickman Creek 0.0 to 6.0 | 6 miles | KY494112_01 | 5100205 | Jessamine | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges |
| Holly Creek 0.0 to 6.2 | 6.2 miles | KY494406_01 | 5100201 | Wolfe | 5-PS | WAH | Cause Unknown | Source Unknown |
| Holly Creek 0.0 to 6.2 Horse Creek 0.0 to 8.3 | 6.2 miles | KY494406_01 KY512793_01 | 5100201 5100203 | Wolfe | 5-PS 5-PS | WAH | Sedimentation/ Siltation Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining Loss of Riparian Habitat, Managed Pasture Grazing, Surface Mining |
| Indian Creek 2.6 to 7.8 | 5.2 miles | KY512905_02 | 5100204 | Menifee | 5-PS | САН | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining |
| Indian Creek 2.6 to 7.8 | 5.2 miles | KY512905_02 | 5100204 | Menifee | 5-PS | САН | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | 5100201 | Knott | 5-PS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |

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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Johnson Fork 0.0 to 0.5 | 0.5 miles | KY495407_01 | 5100204 | 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 | 5100204 | Wolfe | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted), Residential Districts |
| Judy Creek 0.0 to 1.5 | 1.5 miles | KY513089_01 | 5100204 | Powell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Kentucky River 0.3 to 11.5 | 11.2 miles | KY513130_01 | 5100205 | Owen | 5-NS | FC | Methylmercury | Atmospheric Deposition - Toxics, Source Unknown |
| Kentucky River 121.1 to 138.5 | 17.4 miles | KY513130_08 | 5100205 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 153.75 to 209.8 | 56.05 miles | KY513130_10 | 5100204 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 53.2 to 66.95 | 13.75 miles | KY513130_03 | 5100205 | Franklin | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 67.0 to 84.25 | 17.25 miles | KY513130_04 | 5100205 | Franklin | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 99.1 to 119.9 | 20.8 miles | KY513130_06 | 5100205 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Knoblick Creek 0.0 to 4.8 | 4.8 miles | KY495849_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Animal Feeding Operations (NPS), Unrestricted Cattle Access |
| Lacy Creek 0.0 to 7.25 | 7.25 miles | KY495895_01 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Channelization, Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining |
| Laurel Creek 3.8 to 4.8 | 1 miles | KY513241_00 | 5100203 | Clay | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing, Non-Irrigated Crop Production |

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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Leatherwood Creek 1.55 to 3.1 | 1.55 miles | KY496126_01 | 5100202 | Perry | 5-PS | WAH | Cause Unknown | Source Unknown |
| Left Fork Island | | | | | | | Sedimentation/ | |
| Creek 0.0 to 5.0 | 5 miles | KY513314_00 | 5100203 | Owsley | 5-PS | WAH | Siltation | Non-Irrigated Crop Production |
| | | | | | | WAH, | | |
| Left Fork Millstone | | | | | 5-NS, 5- | PCR, | | |
| Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | 5100201 | Letcher | NS, 5-NS | SCR | pН | Surface Mining |
| Left Fork Millstone | | | | | | | Sedimentation/ | |
| Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | 5100201 | Letcher | 5-NS | WAH | Siltation | Surface Mining |
| Left Fork Millstone | | | | | | | Total Dissolved | |
| Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | 5100201 | Letcher | 5-NS | WAH | Solids | Surface Mining |
| Lick Creek 0.0 to | | | | | | | Sedimentation/ | Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Post- Development Erosion and Sedimentation, Unspecified |
| 5.4 | 5.4 miles | KY496473_01 | 5100205 | Carroll | 5-PS | WAH | Siltation | Urban Stormwater |
| Lick Creek 0.0 to 5.4 | 5.4 miles | KY496473_01 | 5100205 | Carroll | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-Construction Related), Post-Development Erosion and Sedimentation, Unspecified Urban Stormwater |
| Line Fork 9.1 to 11.6 | 2.5 miles | KY513437_01 | 5100201 | Letcher | 5-PS | WAH | Sedimentation/ Siltation | Surface Mining |
| Line Fork 11.6 to 27.5 | 15.9 miles | KY513437_02 | 5100201 | Letcher | 5-PS | PCR | Fecal Coliform | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas |
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | 5100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | 5100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Little Willard Creek 0.0 to 2.5 | 2.5 miles | KY513541_01 | 5100201 | 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 | 5100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Site Clearance (Land Development or Redevelopment), Surface Mining |
| Logan Creek 0.0 to 3.15 | 3.15 miles | KY496980_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Agriculture, Municipal Point Source Discharges |
| Long Fork 0.0 to 4.6 | 4.6 miles | KY497111_01 | 5100201 | Breathitt | 5-PS | WAH | Sedimentation/ Siltation | Surface Mining |
| Long Fork 0.0 to 4.6 | 4.6 miles | KY497111_01 | 5100201 | Breathitt | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Lost Creek 0.0 to 3.7 | 3.7 miles | KY497178_01 | 5100201 | Breathitt | 5-NS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Lost Creek 3.7 to 8.95 | 5.25 miles | KY497178_02 | 5100201 | 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 | 5100201 | 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_03 | 5100202 | Breathitt | 5-NS | WAH | Turbidity | Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization |
| Lotts Creek 0.4 to 1.0 | 0.6 miles | KY497201_01 | 5100201 | Knott | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment) |
| Lotts Creek 1.2 to 6.0 | 4.8 miles | KY497201_02 | 5100201 | 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 | 5100201 | 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 | 5100201 | Perry | 5-NS | WAH | Turbidity | Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization |
| Lower Howard Creek 2.65 to 6.2 | 3.55 miles | KY497285_00 | 5100205 | Clark | 5-NS | WAH | Cause Unknown | Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
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| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Lower Howard Creek 2.65 to 6.2 | 3.55 miles | KY497285_00 | 5100205 | Clark | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures) |
| Lower Howard Creek 2.65 to 6.2 | 3.55 miles | KY497285_00 | 5100205 | Clark | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures) |
| Lulbegrud Creek 0.0 to 7.3 | 7.3 miles | KY497344_01 | 5100204 | Clark | 5-PS | WAH | Sedimentation/ Siltation | Source Unknown |
| Marble Creek 0.05 to 3.9 | 3.85 miles | KY497527_01 | 5100205 | Jessamine | 5-PS | WAH | Cause Unknown | Source Unknown |
| Marble Creek 0.05 to 3.9 | 3.85 miles | KY497527_01 | 5100205 | Jessamine | 5-PS | WAH | Sedimentation/ Siltation | Streambank Modifications/Destabilization |
| McConnell Run 0.0 to 4.4 | 4.4 miles | KY497799_00 | 5100205 | Scott | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing |
| McConnell Run 0.0 to 4.4 | 4.4 miles | KY497799_00 | 5100205 | Scott | 5-PS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing |
| McKinney Branch 0.0 to 1.9 | 1.9 miles | KY497908_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Unrestricted Cattle Access |
| Meadow Creek 0.5 to 3.7 | 3.2 miles | KY513890_01 | 5100203 | Owsley | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production |
| Middle Fork Kentucky River 6.45 to 12.6 | 6.15 miles | KY513931_01 | 5100202 | Lee | 5-PS | PCR | Escherichia coli | Agriculture, Loss of Riparian Habitat |
| Middle Fork of Kentucky River 67.0 to 73.4 | 6.4 miles | KY513931_04 | 5100202 | Leslie | 5-PS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|---------|---------|------------|-------------|---------------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Middle Fork of Kentucky River 67.0 to 73.4 | 6.4 miles | KY513931_04 | 5100202 | 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 | 5100202 | Leslie | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Activities, Reclamation of Inactive Mining, Surface Mining |
| Middle Fork, Kentucky River 61.5 to 64.2 | 2.7 miles | KY513931_03 | 5100202 | Leslie | 5-NS | PCR, SCR | Fecal Coliform | Source Unknown |
| Mill Creek 0.0 to 3.3 | 3.3 miles | KY498258_01 | 5100201 | 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 | 5100201 | 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 |
| Mocks Branch 1.6 to 5.7 | 4.1 miles | KY498468_01 | 5100205 | Boyle | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Streambank Modifications/Destabilization |
| Moseby Branch 0.0 to 2.2 | 2.2 miles | KY498657_00 | 5100205 | Owen | 5-NS | WAH | Cause Unknown | Source Unknown |
| Muddy Creek 0.0 to 20.2 | 20.2 miles | KY514141_01 | 5100205 | Madison | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Muncy Creek 2.7 to 4.7 | 2 miles | KY514159_01 | 5100202 | Leslie | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Post- Development Erosion and Sedimentation |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|----------------|--------------|---------|----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Noland Creek 0.05 to 1.2 | 1.15 miles | KY499508_01 | 5100204 | Estill | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| North Benson Creek 0.8 to 2.0 | 1.2 miles | KY499533_00 | 5100205 | Franklin | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture |
| North Benson Creek 0.8 to 2.0 | 1.2 miles | KY499533_00 | 5100205 | Franklin | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture |
| North Benson Creek 0.8 to 2.0 | 1.2 miles | KY499533_00 | 5100205 | Franklin | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Highways, Roads, Bridges, Infrastructure (New Construction) |
| North Elkhorn Creek 44.75 to 66.0 | 21.25 miles | KY499540_03 | 5100205 | Fayette | 5-PS | WAH | Specific Conductance | Agriculture |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | 5100205 | Fayette | 5-NS | PCR | Fecal Coliform | Source Unknown |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | 5100205 | Fayette | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| North Fork North Benson Creek 0.0 to 2.2 | 2.2 miles | KY499560_00 | 5100205 | Franklin | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|----------|----------|------------|-----|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| North Fork North Benson Creek 0.0 to 2.2 | 2.2 miles | KY499560_00 | 5100205 | Franklin | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation |
| North Fork of Kentucky River 145.5 to 147.9 | 2.4 miles | KY514290_14 | 5100201 | Letcher | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification, Municipal Point Source Discharges, Non- Irrigated Crop Production, Urban Runoff/Storm Sewers |
| North Fork of Kentucky River 147.9 to 162.0 | 14.1 miles | KY514290_15 | 5100201 | Letcher | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Package Plant or Other Permitted Small Flows Discharges, Silviculture Activities, Urban Runoff/Storm Sewers |
| Paint Lick Creek 0.0 to 7.5 | 7.5 miles | KY500121_01 | 05100205 | Garrard | 5-PS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Peyton Creek 0.0 to 4.1 | 4.1 miles | KY500504_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Animal Feeding Operations (NPS) |
| Plum Branch 0.0 to 3.9 | 3.9 miles | KY514662_01 | 5100204 | Powell | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization |
| Polls Creek 0.0 to 4.7 | 4.7 miles | KY514679_00 | 5100202 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |
| Potter Fork 0.0 to 4.4 | 4.4 miles | KY501199_00 | 5100201 | Letcher | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-----------------------------------|------------|--------------|----------|-----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Potter Fork 0.0 to 4.4 | 4.4 miles | KY501199_00 | 5100201 | Letcher | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Puncheon Camp Creek 0.0 to 3.2 | 3.2 miles | KY501441_00 | 5100202 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | 5100201 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | 5100201 | Breathitt | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | 05100201 | Breathitt | 5-PS | WAH | Turbidity | Coal Mining, Streambank Modifications/Destabilization, Loss of Riparian Habitat |
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | 5100201 | 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 |
| | | | | | | | | Coal Mining, Habitat Modification - other than Hydromodification, Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Silviculture Activities, Streambank |
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | 5100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Modifications/Destabilization, Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|----------|------------|------------|------|-----------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | 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 |
| Rattlesnake Creek | 9.1 lines | K1301461_02 | 03100201 | Dicatiliti | 3-113 | WAII | Turbianty | Surface Willing |
| 0.0 to 1.2 | 1.2 miles | KY501593_01 | 5100205 | Grant | 5-NS | WAH | Cause Unknown | Source Unknown |
| Red Bird River 0.0 to 15.3 | 15.3 miles | KY514862_01 | 5100203 | Clay | 5-PS | PCR | Fecal Coliform | Agriculture |
| Red Lick Creek 0.0 to 5.0 | 5.0 miles | KY510193_01 | 05100204 | Estill | 5-PS | PCR | Escherichia coli | Source Unknown |
| Red River 64.1 to 67.6 | 3.5 miles | KY514872_04 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing |
| Red River 70.0 to 83.9 | 13.9 miles | KY514872_05 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Managed Pasture Grazing |
| Red River 89.5 to 93.4 | 3.9 miles | KY514872_06 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Richland Creek 0.0 to 0.8 | 0.8 miles | KY501823_00 | 5100205 | Owen | 5-PS | WAH | Sedimentation/ Siltation | Specialty Crop Production |
| Right Fork Lacy Creek 0.0 to 2.2 | 2.2 miles | KY501895_01 | 5100204 | 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 | 5100201 | Letcher | 5-NS | WAH | Sedimentation/ Siltation | Surface Mining |
| Right Fork Millstone Creek 0.0 to 1.6 | 1.6 miles | KY501910_01 | 5100201 | Letcher | 5-NS | WAH | Total Dissolved Solids | Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|----------|---------|------------|-----|-----------------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Rockhouse Creek | 3.6 miles | KY502192_01 | 5100201 | Letcher | 5-NS | PCR | Fecal Coliform | Loss of Riparian Habitat, On- Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Rockhouse Creek | 3.6 miles | KY502192 01 | 5100201 | 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 | 5100201 | 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 | 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 |
| Rose Fork 0.0 to 3.1 | 3.1 miles | KY502332_01 | 5100204 | Wolfe | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Salt River of Sixmile Creek 0.0 to 4.5 | 4.5 miles | KY502831_01 | 5100205 | Henry | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| Sexton Creek 0.1 to 17.2 | 17.1 miles | KY515329_01 | 5100203 | Clay | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-Construction Related) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------------------|----------------|--------------|---------|----------|------------|-----|-----------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Silver Creek 11.1 | | | | | | | Sedimentation/ | Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Post-Development |
| to 29.8 | 18.7 miles | KY503507_02 | 5100205 | Madison | 5-NS | WAH | Siltation | Erosion and Sedimentation |
| Smith Branch 0.7 to 2.5 | 1.8 miles | KY503736_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Smith Branch 0.7 to 2.5 | 1.8 miles | KY503736_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Snow Creek 0.0 to 3.9 | 3.9 miles | KY515528_01 | 5100204 | Powell | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing, Post-Development Erosion and Sedimentation |
| South Elkhorn Creek 5.05 to 16.6 | 11.55 miles | KY503901_01 | 5100205 | 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 | 5100205 | Franklin | 5-NS | PCR | Fecal Coliform | Agriculture, Managed Pasture Grazing, Manure Runoff, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| South Elkhorn | 11.55 | | | | | | Sedimentation/ | Erosion from Derelict Land (Barren Land), Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Sediment Resuspension (Clean |
| Creek 5.05 to 16.6 | miles | KY503901_01 | 5100205 | Franklin | 5-PS | WAH | Siltation | Sediment) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------|------------|---------------|------------------|----------|------------|------------|-----------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Erosion from Derelict Land |
| | | | | | | | | (Barren Land), Loss of |
| | | | | | | | | Riparian Habitat, Municipal |
| | | | | | | | | Point Source Discharges, Package Plant or Other |
| South Elkhorn | 11.55 | | | | | | Total Dissolved | Package Plant of Other Permitted Small Flows |
| Creek 5.05 to 16.6 | miles | KY503901_01 | 5100205 | Franklin | 5-PS | WAH | Solids | Discharges |
| South Elkhorn | iiiies | 111303701_01 | 3100203 | Tunkin | 313 | ******* | Sonus | Municipal Point Source |
| Creek 16.6 to 34.5 | 17.9 miles | KY503901 02 | 5100205 | Woodford | 5-PS | WAH | Chlorine | Discharges |
| | 2,,,,, | | | | | | | Agriculture, Livestock |
| | | | | | | | | (Grazing or Feeding |
| | | | | | | | | Operations), Managed Pasture |
| | | | | | | | | Grazing, Manure Runoff, |
| | | | | | | | | Municipal Point Source |
| South Elkhorn | 17.0 '1 | 1/3/502001 02 | 5100205 | XX7 1C 1 | Z NIC | DCD | E 10 116 | Discharges, Urban |
| Creek 16.6 to 34.5 | 17.9 miles | KY503901_02 | 5100205 | Woodford | 5-NS | PCR | Fecal Coliform | Runoff/Storm Sewers |
| | | | | | | | Nutrient/ | |
| South Elkhorn | 17.0 '1 | 1/3/502001 02 | 5100005 | XX7 1C 1 | 5 DG | XX / A T T | Eutrophication | A 1. |
| Creek 16.6 to 34.5 | 17.9 miles | KY503901_02 | 5100205 | Woodford | 5-PS | WAH | Biological Indicators | Agriculture |
| | | | | | | | Organic Enrichment | Municipal Point Source |
| South Elkhorn | 450 " | ************ | ~100 2 0~ | *** 10 1 | - DG | **** | (Sewage) Biological | Discharges, Urban |
| Creek 16.6 to 34.5 | 17.9 miles | KY503901_02 | 5100205 | Woodford | 5-PS | WAH | Indicators | Runoff/Storm Sewers |
| | | | | | | | | Agriculture, Livestock (Grazing or Feeding |
| | | | | | | | | Operations), Loss of Riparian |
| | | | | | | | | Habitat, Managed Pasture |
| | | | | | | | | Grazing, Non-Irrigated Crop |
| | | | | | | | | Production, Rangeland |
| South Elkhorn | | | | | | | Sedimentation/ | Grazing, Urban Runoff/Storm |
| Creek 16.6 to 34.5 | 17.9 miles | KY503901_02 | 5100205 | Woodford | 5-PS | WAH | Siltation | Sewers |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|---------|-----------|------------|-----|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Elkhorn Creek 16.6 to 34.5 | 17.9 miles | KY503901_02 | 5100205 | 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 | 5100205 | Woodford | 5-PS | WAH | Chlorine | Source Unknown |
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | 5100205 | Woodford | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | 5100205 | 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 | 5100205 | 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 | 5100205 | 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 | 5100205 | Woodford | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat |
| South Fork Kentucky River 11.75 to 18.9 | 7.15 miles | KY515545_01 | 5100203 | Owsley | 5-NS | PCR | Escherichia coli | Source Unknown |
| South Fork Quicksand Creek 0.0 to 16.9 | 16.9 miles | KY503941_01 | 5100201 | Breathitt | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|----------|-----------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork Quicksand Creek 0.0 to 16.9 | 16.9 miles | KY503941_01 | 5100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | 5100205 | Boyle | 5-PS | WAH | Cause Unknown | Source Unknown |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | 5100205 | Boyle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | 5100205 | Boyle | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing, Streambank Modifications/Destabilization |
| Spring Fork 3.1 to 6.9 | 3.8 miles | KY504137_00 | 5100201 | 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 | 5100201 | 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 | 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 |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-----------------------------------|------------|--------------|---------|---------|------------|-------------|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Squabble Creek 0.0 to 4.7 | 4.7 miles | KY515639_01 | 5100202 | 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 | 5100202 | Perry | 5-PS | WAH | Total Dissolved Solids | Site Clearance (Land Development or Redevelopment), Surface Mining |
| Station Camp Creek 0.0 to 21.3 | 21.3 miles | KY515669_01 | 5100204 | Jackson | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Other Recreational Pollution Sources |
| Steeles Run 0.0 to 5.1 | 5.1 miles | KY504312_01 | 5100205 | Fayette | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Manure Runoff |
| Stevens Creek 14.4 to 17.1 | 2.7 miles | KY504362_02 | 5100205 | Owen | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing |
| Stevens Creek 14.4 to 17.1 | 2.7 miles | KY504362_02 | 5100205 | Owen | 5-PS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing |
| Stillwater Creek 0.0 to 3.5 | 3.5 miles | KY515715_01 | 5100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat, Surface Mining |
| Stinnett Creek 1.3 to 4.7 | 3.4 miles | KY515718_01 | 5100202 | Leslie | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Residential Districts, Site Clearance (Land Development or Redevelopment) |
| Sturgeon Creek 8.0 to 12.2 | 4.2 miles | KY515768_01 | 5100204 | Lee | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Non- Irrigated Crop Production, Surface Mining |
| Sugar Creek 4.8 to 6.0 | 1.2 miles | KY504657_01 | 5100205 | Garrard | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-Construction Related) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------------|----------------|--------------|---------|---------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Sulphur Creek 0.0 to 1.4 | 1.4 miles | KY504735_00 | 5100205 | Henry | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture |
| Sulphur Creek 0.0 to 1.4 | 1.4 miles | KY504735_00 | 5100205 | Henry | 5-NS | WAH | Sedimentation/ Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| Swift Camp Creek 0.0 to 13.95 | 13.95 miles | KY515834_01 | 5100204 | Wolfe | 5-PS | САН | Cause Unknown | Source Unknown |
| Tate Creek 0.0 to 6.5 | 6.5 miles | KY504972_01 | 5100205 | 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 | 5100205 | 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 |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | 5100205 | Grant | 5-PS | WAH | Cause Unknown | Source Unknown |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | 5100205 | Grant | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | 5100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| Three Forks Creek 0.0 to 7.6 | 7.6 miles | KY505232_00 | 5100205 | Grant | 5-PS | WAH | Sedimentation/ Siltation | Source Unknown |
| Town Branch 0.0 to 9.2 | 9.2 miles | KY505386_01 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|----------------|---------|------------------------|-------------|---|---|
| Town Branch 0.0 to 9.2 | 9.2 miles | KY505386_01 | 5100205 | 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 | 5100205 | 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 | 5100205 | Fayette | 5-NS | PCR, SCR | Fecal Coliform | Municipal (Urbanized High Density Area), Unspecified Urban Stormwater |
| Town Branch 10.8 to 12.1 | 1.3 miles | KY505386_03 | 5100205 | Fayette | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source |
| Town Branch 10.8 to 12.1 | 1.3 miles | KY505386_03 | 5100205 | 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 | 5100205 | 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 | 5100205 | 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 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & | m . 10: | W. I. I. ID | 8-Digit | G . | Assessment | TT | | 0 . 10 () |
|----------------------------------|------------|--------------|---------|-----------|------------|-------------|-------------------------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Town Branch 9.2 to 10.8 | 1.6 miles | KY505386_02 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Specific Conductance | Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Municipal Point Source Discharges |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_01 | 5100201 | Knott | 5-PS, 5-NS | PCR, SCR | Fecal Coliform, Escherichia coli | Source Unknown, Unspecified Domestic Waste |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_01 | 5100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining, Surface Mining |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_01 | 5100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining, Surface Mining |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | 5100201 | Breathitt | 5-NS | WAH | Sedimentation/ Siltation | Coal Mining, Municipal Point Source Discharges |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | 5100201 | 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 | 5100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Coal Mining, Municipal Point Source Discharges, Petroleum/Natural Gas Activities |
| Upper Devil Creek 0.0 to 1.0 | 1 miles | KY516120_00 | 5100201 | 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 | 5100205 | Clark | 5-PS | WAH | Cause Unknown | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--|--------------|----------------------|----------------|-----------|---------------------|-----|-----------------------------|--|
| Upper Howard Creek 0.0 to 3.2 | 3.2 miles | KY485707_00 | 5100205 | Clark | 5-PS | WAH | Sedimentation/ Siltation | Rangeland Grazing |
| Upper Jacks Creek 0.0 to 2.2 | 2.2 miles | KY516133_01 | 5100203 | Clay | 5-PS | WAH | Cause Unknown | Source Unknown |
| Upper Twin Creek 0.0 to 3.6 | 3.6 miles | KY505917_00 | 5100202 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT of North Elkhorn Creek 0.0 to 3.5 | 3.5 MILES | KY499540- 71.1_01 | 5100205 | 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 Cane Run 0.0 to 3.5 | 3.5 miles | KY488799- 6.13_01 | 5100205 | 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 | 5100205 | 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 | 5100205 | 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 at mile point 10.8 | 2.4 miles | KY488799- 10.8_01 | 5100205 | Fayette | 5-NS | WAH | Nitrogen (Total) | Managed Pasture Grazing, Non-Irrigated Crop Production |
| UT to Cane Run at mile point 10.8 | 2.4 miles | KY488799- 10.8_01 | 5100205 | Fayette | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing, Non-Irrigated Crop Production |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|----------------------|---------|------------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Cane Run at Mile Point 12.9 | 2.1 miles | KY488799- 12.9_01 | 5100205 | Fayette | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing, Non-Irrigated Crop Production, Unspecified Urban Stormwater |
| UT to East Hickman Creek 0.8 to 2.2 | 1.4 miles | KY491487- 11.8_02 | 5100205 | Fayette | 5-NS | PCR | Fecal Coliform | Unspecified Urban Stormwater |
| UT to Engle Fork 0.0 to 0.5 | 0.5 miles | KY491781- 1.1_01 | 5100201 | 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 | 5100201 | 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 | 5100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| UT to N. Elkhorn Creek 0.0 to 5.6 | 5.6 miles | KY499540- 66_01 | 5100205 | 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 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Total Dissolved Solids | Managed Pasture Grazing |
| UT to North Branch Lulbegrud Creek 0.0 to 2.2 | 2.2 miles | KY497344- 2.3_01 | 5100204 | Montgomery | 5-NS | WAH | Cause Unknown | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|-----------------------|---------|-----------|------------|-----|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to North Elkhorn Creek 0.0 to 3.5 | 3.5 miles | KY499540- 71.1_01 | 5100205 | 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 Smith Fork 0.0 to 0.55 | 0.55 miles | KY503789_01 | 5100205 | Madison | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Surface Mining |
| UT to Swift Camp Creek 0.0 to 1.5 | 1.5 miles | KY515834- 11.97_00 | 5100204 | 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 | 5100201 | Knott | 5-PS | PCR | Escherichia coli | Unspecified Domestic Waste |
| West Fork Mill Creek 0.0 to 1.0 West Hickman | 1 miles | KY506440_00 | 5100205 | Carroll | 5-PS | WAH | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unspecified Urban Stormwater Municipal Point Source Discharges, Unspecified |
| Creek 0.0 to 3.1 | 3 miles | KY506457_01 | 5100205 | Jessamine | 5-PS | PCR | Fecal Coliform | Urban Stormwater |
| West Hickman Creek 0.0 to 3.1 | 3.1 miles | KY506457_01 | 5100205 | Jessamine | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Unspecified Urban Stormwater |
| West Hickman Creek 0.0 to 3.1 | 3.1 miles | KY506457_01 | 5100205 | Jessamine | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges, Unspecified Urban Stormwater |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|----------------------------------|------------|--------------|---------|---------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | 5100205 | 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 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Sedimentation/ Siltation | Unspecified Urban Stormwater |
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | 5100205 | Fayette | 5-PS | WAH | Specific Conductance | Residential Districts |
| White Lick Creek 0.0 to 2.8 | 2.8 miles | KY506590_00 | 5100205 | Garrard | 5-PS | WAH | Total Suspended Solids (TSS) | Non-Irrigated Crop Production, Specialty Crop Production |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | 5100205 | Garrard | 5-NS | PCR | Escherichia coli | Agriculture, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | 5100205 | 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 | 5100205 | 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 | 5100205 | Garrard | 5-NS | WAH | Total Dissolved Solids | Loss of Riparian Habitat, Managed Pasture Grazing, Municipal Point Source Discharges |
| White Oak Creek | | | | | | | | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Wet Weather Discharges (Point Source and Combination of |
| 0.0 to 3.4 | 3.4 miles | KY506612_01 | 5100205 | Lincoln | 5-NS | PCR | Escherichia coli | Stormwater, SSO or CSO) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|---------|------------|------|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Wolf Run 0.0 to | | | | | | PCR, | | Unspecified Urban Stormwater, Urban |
| 4.4 | 4.4 miles | KY507029_01 | 5100205 | Fayette | 5-NS | SCR | Fecal Coliform | Runoff/Storm Sewers |
| Wolf Run 0.0 to 4.4 | 4.4 miles | KY507029_01 | 5100205 | 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 | 5100205 | Fayette | 5-PS | WAH | Specific Conductance | Channelization, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers |
| Wooten Creek 0.0 to 3.0 | 3 miles | KY516483_00 | 5100202 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |

| Waterbody & | T. (.10) | Waterbody | 8-Digit | C | Assessment | | Touristance | C() |
|---------------------|------------|-----------|---------|--------|------------|-----|--------------------|--------------------------|
| Segment | Total Size | ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Managed Pasture Grazing, |
| | | | | | | | | Non-Irrigated Crop |
| Royal Spring 0.0 to | | KY499540- | | | | | | Production, Unspecified |
| 0.7 | 0.7 miles | 33.6_01 | 5100205 | Scott | 5-NS | WAH | Nitrogen (Total) | Urban Stormwater |
| | | | | | | | | Managed Pasture Grazing, |
| | | | | | | | | Non-Irrigated Crop |
| Royal Spring 0.0 to | | KY499540- | | | | | | Production, Unspecified |
| 0.7 | 0.7 miles | 33.6_01 | 5100205 | Scott | 5-NS | WAH | Phosphorus (Total) | Urban Stormwater |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|---------------------|--------------|----------------|------------------|----------|------------|--------|------------------------|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | Nutrient/ | |
| | | ****** | | _ | | | Eutrophication | Agriculture, Unspecified |
| Boltz Lake | 92 acres | KY487648_01 | 5100205 | Grant | 5-PS | WAH | Biological Indicators | Urban Stormwater |
| D.16 I.1. | 02 | 1/3/407//40 01 | £100 2 0£ | Constant | 5 DC | XX/AII | O D'11 | Agriculture, Unspecified Urban Stormwater |
| Boltz Lake | 92 acres | KY487648_01 | 5100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | |
| | | | | | | | Nutrient/ | Agriculture, On-Site Treatment Systems (Septic |
| | 134 | | | | | | Eutrophication | Systems and Similar |
| Bullock Pen Lake | acres | KY488380 01 | 5100205 | Grant | 5-PS | WAH | Biological Indicators | Decentralized Systems) |
| Dullock I cli Lake | acres | K1400300_01 | 3100203 | Orant | 3-13 | WAII | Diological malcators | Agriculture, On-Site |
| | | | | | | | | Treatment Systems (Septic |
| | 134 | | | | | | | Systems and Similar |
| Bullock Pen Lake | acres | KY488380 01 | 5100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | Decentralized Systems) |
| | 710 | _ | | | | | , | , |
| Carr Fork Reservoir | acres | KY488975_00 | 5100201 | Knott | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| | 784 | | | | | | | |
| Cedar Creek Lake | acres | KYCLN211_00 | 5100205 | Lincoln | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| | | | | | | | Nutrient/ | |
| | 149 | | | _ | | | Eutrophication | |
| Elmer Davis Lake | acres | KY2567392_01 | 5100205 | Owen | 5-PS | WAH | Biological Indicators | Agriculture |
| Elmer Davis Lake | 149 acres | KY2567392_01 | 5100205 | Owen | 5-PS | WAH | Oxygen, Dissolved | Agriculture |
| Ellilei Davis Lake | acres | K12307392_01 | 3100203 | Owen | J-F3 | WAII | Oxygen, Dissolved | Internal Nutrient Recycling, |
| | | | | | | | | Municipal Point Source |
| | | | | | | | | Discharges, On-Site Treatment |
| | | | | | | | Nutrient/ | Systems (Septic Systems and |
| | 2940 | | | | | | Eutrophication | Similar Decentralized |
| Herrington Lake | acres | KY494090 01 | 5100205 | Garrard | 5-NS | WAH | Biological Indicators | Systems) |
| | | _ | | | | | 2 | Internal Nutrient Recycling, |
| | | | | | | | | Municipal Point Source |
| | | | | | | | | Discharges, On-Site Treatment |
| | | | | | | | | Systems (Septic Systems and |
| | 2940 | | | | | | | Similar Decentralized |
| Herrington Lake | acres | KY494090_01 | 5100205 | Garrard | 5-NS | WAH | Oxygen, Dissolved | Systems) |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-----------------|----------|--------------|---------|---------|------------|-----|------------------------|-------------------------------|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | 2941 | | | | | | | |
| Herrington Lake | acres | KY494090_02 | 5100206 | Garrard | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| | | | | | | | Nutrient/ | |
| | | | | | | | Eutrophication | Golf Courses, Unspecified |
| Lake Reba | 78 acres | KY501636_01 | 5100205 | Madison | 5-PS | WAH | Biological Indicators | Urban Stormwater |
| | | | | | | | | Golf Courses, Unspecified |
| Lake Reba | 78 acres | KY501636_01 | 5100205 | Madison | 5-PS | WAH | Oxygen, Dissolved | Urban Stormwater |
| | | | | | | | | Livestock (Grazing or Feeding |
| | | | | | | | | Operations), Non-Irrigated |
| | | | | | | | | Crop Production, On-Site |
| | | | | | | | Nutrient/ | Treatment Systems (Septic |
| | 169 | | | | | | Eutrophication | Systems and Similar |
| Wilgreen Lake | acres | KY505023_01 | 5100205 | Madison | 5-PS | SCR | Biological Indicators | Decentralized Systems) |
| | | | | | | | | Livestock (Grazing or Feeding |
| | | | | | | | | Operations), Non-Irrigated |
| | | | | | | | | Crop Production, On-Site |
| | | | | | | | | Treatment Systems (Septic |
| | 169 | | | | | | | Systems and Similar |
| Wilgreen Lake | acres | KY505023_01 | 5100205 | Madison | 5-PS | WAH | Oxygen, Dissolved | Decentralized Systems) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|---------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Allison Creek 0.0 to 4.9 | 4.9 miles | KY485886_00 | 5100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Animal Feeding Operations (NPS) |
| Allison Creek 0.0 to 4.9 | 4.9 miles | KY485886_00 | 5100101 | Fleming | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Animal Feeding Operations (NPS) |
| Allison Creek 0.0 to 4.9 | 4.9 miles | KY485886_00 | 5100101 | Fleming | 5-NS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |
| Banklick Creek 0.0 to 3.5 | 3.5 miles | KY486315_01 | 5100101 | Kenton | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Banklick Creek 0.0 to 3.5 | 3.5 miles | KY486315_01 | 5100101 | Kenton | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Municipal Point Source Discharges |
| Banklick Creek 0.0 to 3.5 | 3.5 miles | KY486315_01 | 5100101 | Kenton | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Banklick Creek 0.0 to 3.5 | 3.5 miles | KY486315_01 | 5100101 | Kenton | 5-PS | WAH | Sedimentation/Silt ation | Highways, Roads, Bridges, Infrastructure (New Construction), Urban Runoff/Storm Sewers |
| Banklick Creek 3.5 to 8.2 | 4.7 miles | KY486315_02 | 5100101 | Kenton | 5-NS | PCR | Fecal Coliform | Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Banklick Creek 3.5 to 8.2 | 4.7 miles | KY486315_02 | 5100101 | Kenton | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------------------|------------|--------------|---------|----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Banklick Creek 3.5 to 8.2 | 4.7 miles | KY486315_02 | 5100101 | Kenton | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Banklick Creek 3.5 to 8.2 | 4.7 miles | KY486315_02 | 5100101 | Kenton | 5-NS | WAH | Sedimentation/Silt ation | Agriculture |
| Banklick Creek 8.2 to 19.2 | 11 miles | KY486315_03 | 5100101 | 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 | 5100101 | Kenton | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |
| Banklick Creek 8.2 to 19.2 | 11 miles | KY486315_03 | 5100101 | Kenton | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Beaver Creek 10.0 to 14.4 | 4.4 miles | KY510489_00 | 5100101 | Menifee | 5-PS | WAH | Sedimentation/Silt ation | Managed Pasture Grazing, Non-Irrigated Crop Production |
| Big Half Mountain Creek 0.0 to 4.0 | 4 miles | KY487182_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 | 5100101 | Magoffin | 5-NS | WAH | Specific Conductance | Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Urban Runoff/Storm Sewers |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|---------|----------|------------|-----|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Blacks Creek 0.0 to 3.4 | 3.4 miles | KY487421_00 | 5100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Blacks Creek 0.0 to 3.4 | 3.4 miles | KY487421_00 | 5100102 | Bourbon | 5-PS | WAH | Sedimentation/Silt ation | Livestock (Grazing or Feeding Operations) |
| Blackwater Creek 3.8 to 11.7 | 7.9 miles | KY510765_01 | 5100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Boone Creek 0.0 to 5.0 | 5 miles | KY487686_00 | 5100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Boone Creek 0.0 to 5.0 | 5 miles | KY487686_00 | 5100102 | Bourbon | 5-PS | WAH | Sedimentation/Silt ation | Livestock (Grazing or Feeding Operations) |
| Broadtree Fork 0.0 to 1.6 | 1.6 miles | KY487936_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 | 5100101 | Morgan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Broke Leg Creek 1.0 to 4.4 | 3.4 miles | KY510936_02 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Highway/Road/Bridge Runoff (Non-Construction Related), Runoff from Forest/Grassland/Parkland, Upstream Source |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|-----------|------------|-----|--------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Brushy Fork 0.0 to 5.8 | 5.8 miles | KY488131_01 | 5100101 | Pendleton | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Crop Production (Crop Land or Dry Land), Runoff from Forest/Grassland/Parkland, Streambank Modifications/Destabilization |
| Buffalo Creek 0.0 to 2.85 | 2.85 miles | KY488315_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Agriculture, Channelization, Loss of Riparian Habitat, Non- Point Source |
| Burning Fork 0.0 to 3.3 | 3.3 miles | KY488450_01 | 5100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Burning Fork 0.0 to 3.3 | 3.3 miles | KY488450_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Channelization, Coal Mining, Loss of Riparian Habitat, Non- Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers |
| Burning Fork 3.3 to 7.9 | 4.6 miles | KY488450_02 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Channelization, Coal Mining, Loss of Riparian Habitat, Non- Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers |
| Caney Creek 0.0 to | | | | | | | Sedimentation/Silt | Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, |
| 4.2 | 4.2 miles | KY511201_00 | 5100101 | Morgan | 5-PS | WAH | ation | Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|--------------|----------|---------|------------|-----|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Caney Creek 0.0 to 4.2 | 4.2 miles | KY511201_00 | 05100101 | Morgan | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries Surface Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat |
| Caskey Fork 0.0 to 2.3 | 2.3 miles | KY489059_01 | 5100101 | Morgan | 5-NS | WAH | Cause Unknown | Source Unknown |
| Christy Creek 0.0 to 4.3 | 4.3 miles | KY511363_00 | 5100101 | Rowan | 5-PS | WAH | Cause Unknown | Non-Irrigated Crop Production |
| Christy Creek 0.0 to 4.3 | 4.3 miles | KY511363_00 | 5100101 | Rowan | 5-PS | WAH | Sedimentation/Silt ation | Non-Irrigated Crop Production |
| Clarks Run 0.0 to 2.1 | 2.1 miles | KY489555_01 | 5100101 | Mason | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land) |
| Coffee Creek 0.0 to 4.1 | 4.1 miles | KY489772_01 | 5100101 | Morgan | 5-NS | WAH | Sedimentation/Silt ation | Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Streambank Modifications/Destabilization |
| Cooper Run 0.0 to 10.1 | 10.1 miles | KY490062_00 | 5100102 | Bourbon | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Craintown Branch 0.0 to 3.6 | 3.6 miles | KY490277_00 | 5100101 | Fleming | 5-PS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |
| Crane Creek 0.0 to 2.9 | 2.9 miles | KY511622 01 | 5100101 | Fleming | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|----------------------|---------|----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Crooked Creek 0.0 to 9.1 | 9.1 miles | KY490377_00 | 5100101 | Nicholas | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Doty Branch 0.0 to 2.3 | 2.3 miles | KY492236- 12.8_01 | 5100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Animal Feeding Operations (NPS) |
| Dry Creek 0.0 to 2.5 | 2.5 miles | KY511917_01 | 5100101 | Rowan | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Urban Runoff/Storm Sewers |
| Dry Creek 0.0 to 2.5 | 2.5 miles | KY511917_01 | 5100101 | 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 | 5100101 | Rowan | 5-PS | WAH | Sedimentation/Silt ation | Highway/Road/Bridge Runoff (Non-Construction Related), Urban Runoff/Storm Sewers |
| Elk Fork 0.0 to 4.9 | 4.9 miles | KY512038_01 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Habitat Modification - other than Hydromodification, Silviculture Activities |
| | | | | | | | Sedimentation/Silt | Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, |
| Elk Fork 4.9 to 10.5 | 5.6 miles | KY512038_02 | 5100101 | Morgan | 5-NS | WAH | ation | Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|-------------|--------------|----------------|---------|------------|------|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | 0.7.1.00.1.0.1 | | T.V.O | | | Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, |
| Elk Fork 4.9 to 10.5 | 5.6 miles | KY512038_02 | 05100101 | Morgan | 5-NS | WAH | Turbidity | Surface Mining |
| Elk Fork 12.6 to 14.7 | 2.1 miles | KY512038_03 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining |
| EIKTOIK 12.0 to 14.7 | 2.1 IIIIIes | K1312036_03 | 3100101 | Worgan | 3-13 | WAII | ation | Impacts from Abandoned |
| Elk Fork 12.6 to 14.7 | 2.1 miles | KY512038_03 | 05100101 | Morgan | 5-PS | WAH | Turbidity | Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/destabilization, Surface Mining |
| Fannins Branch 1.5 to | | | | | | | Sedimentation/Silt | Crop Production (Crop Land |
| 3.4 | 1.9 miles | KY491979_01 | 5100101 | Morgan | 5-PS | WAH | ation | or Dry Land) |
| Flat Creek 0.0 to 0.9 | 0.9 miles | KY492182_00 | 5100101 | Bath | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Flat Run 0.0 to 2.2 | 2.2 miles | KY492217_00 | 5100102 | Bourbon | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Flat Run 0.0 to 2.2 | 2.2 miles | KY492217_00 | 5100102 | Bourbon | 5-NS | WAH | Sedimentation/Silt ation | Livestock (Grazing or Feeding Operations) |
| Fleming Creek 0.0 to 12.8 | 12.8 miles | KY492236_01 | 5100101 | Fleming | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Animal Feeding Operations (NPS) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|---------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Fleming Creek 0.0 to 12.8 | 12.8 miles | KY492236_01 | 5100101 | Fleming | 5-PS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |
| Fleming Creek 12.8 to 16.0 | 3.2 miles | KY492236_02 | 5100101 | Fleming | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |
| Fleming Creek 20.8 to 39.4 | 18.6 miles | KY492236_04 | 5100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Animal Feeding Operations (NPS) |
| Fleming Creek 20.8 to 39.4 | 18.6 miles | KY492236_04 | 5100101 | Fleming | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Urban Runoff/Storm Sewers |
| Fleming Creek 20.8 to 39.4 | 18.6 miles | KY492236_04 | 5100101 | Fleming | 5-NS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS), Urban Runoff/Storm Sewers |
| Fox Creek 0.0 to 10.1 | 10.1 miles | KY512230_01 | 5100101 | Fleming | 5-PS | PCR, SCR | Fecal Coliform | Source Unknown |
| Fox Creek 0.0 to 10.1 | 10.1 miles | KY512230_01 | 5100101 | Fleming | 5-PS | WAH | Sedimentation/Silt ation | Grazing in Riparian or Shoreline Zones, Natural Sources |
| Fox Creek 20.1 to 22.7 | 2.6 miles | KY512230_02 | 5100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Dredging (e.g., for Navigation Channels), Natural Sources, Silviculture Activities |
| Fox Creek 20.1 to 22.7 | 2.6 miles | KY512230_02 | 5100101 | Fleming | 5-NS | WAH | Sedimentation/Silt ation | Dredging (e.g., for Navigation Channels), Natural Sources, Silviculture Harvesting |
| Grassy Creek 4.6 to 10.0 | 5.4 miles | KY512382_01 | 5100101 | Morgan | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Source Unknown |
| Grassy Creek 4.6 to 10.0 | 5.4 miles | KY512382_01 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land) |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|----------------|------------|----------------------|---------------------|--|--|
| Green Creek 0.0 to 8.15 | 8.15 miles | KY493267_01 | 5100102 | 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 | 5100102 | Clark | 5-PS | WAH | Specific Conductance | Agriculture, Loss of Riparian Habitat, Non-Point Source |
| Hancock Creek 4.3 to 7.6 | 3.3 miles | KY493672_01 | 5100102 | Clark | 5-NS | WAH | Nutrient/Eutrophic ation 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 | 5100102 | Clark | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Source Unknown |
| Hancock Creek 4.3 to 7.6 | 3.3 miles | KY493672_01 | 5100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture, Golf Courses, Non-Point Source, Urban Runoff/Storm Sewers |
| Hinkston Creek 0.0 to 12.6 | 12.6 miles | KY494298_01 | 5100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Hinkston Creek 20.8 to 31.0 | 10.2 miles | KY494298_03 | 5100102 | Bourbon | 5-PS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Hinkston Creek 41.8 to 49.1 | 7.3 miles | KY494298_05 | 5100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Agriculture |
| Hinkston Creek 41.8 to 49.1 | 7.3 miles | KY494298_05 | 5100102 | Bourbon | 5-PS | WAH | Sedimentation/Silt ation | Agriculture |
| Hinkston Creek 51.5 to 65.9 | 14.4 miles | KY494298_06 | 5100102 | Montgomery | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Grazing in Riparian or Shoreline Zones |
| Hinkston Creek 51.5 to 65.9 | 14.4 miles | KY494298_06 | 5100102 | Montgomery | 5-NS | WAH | Sedimentation/Silt ation | Grazing in Riparian or Shoreline Zones |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | 5100102 | Clark | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Loss of Riparian Habitat, Non-Point Source |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|-----------|------------|-------------|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | 5100102 | Clark | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Non-Point Source |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | 5100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture, Non-Point Source |
| Houston Creek 0.0 to 9.0 | 9 miles | KY494646_01 | 5100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Houston Creek 9.0 to 12.7 | 3.7 miles | KY494646_02 | 5100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Golf Courses |
| Howard Branch 0.0 to 2.0 | 2 miles | KY494651_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 3.5 | 3.5 miles | KY495400_01 | 5100101 | Robertson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Johnson Creek 0.0 to 0.9 | 0.9 miles | KY495398_01 | 5100102 | Clark | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Loss of Riparian Habitat, Non-Point Source |
| Johnson Creek 0.0 to 0.9 | 0.9 miles | KY495398_01 | 5100102 | Clark | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Loss of Riparian Habitat, Non-Point Source |
| Johnson Creek 0.0 to 0.9 | 0.9 miles | KY495398_01 | 5100102 | Clark | 5-PS | WAH | Specific Conductance | Agriculture, Non-Point Source |
| Johnson Creek 0.0 to 3.1 | 3.1 miles | KY495397_01 | 5100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|---------------------|---------|----------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Johnson Creek 0.0 to 3.1 | 3.1 miles | KY495397_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Coal Mining |
| Johnson Creek 6.0 to 8.6 | 2.6 miles | KY495397_02 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Channelization, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas) |
| Lees Creek 0.0 to 4.3 | 4.3 miles | KY496181_01 | 5100101 | Mason | 5-PS | WAH | Nutrient/Eutrophic ation 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 | 5100101 | Mason | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land) |
| Left Fork of Johnson Creek 0.0 to 3.15 | 3.15 miles | KY495397- 5.9_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Agriculture, Channelization, Loss of Riparian Habitat, Non- Point Source |
| Left Fork of Licking River 0.0 to 1.4 | 1.4 miles | KY504179_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Agriculture, Coal Mining, Loss of Riparian Habitat, Mountaintop Mining, Non- Point Source, Rural (Residential Areas) |
| Left Fork White Oak Creek 0.0 to 1.8 | 1.8 miles | KY496271 00 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------------------------|------------|--------------|----------|-----------|------------|-----|--------------------------|---|
| Segment Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Left Fork White Oak Creek 0.0 to 1.8 | 1.8 miles | KY496271_00 | | 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 |
| | T.O IIIICS | 11170271_00 | 33100101 | Tavi guii | | | | Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas), Unspecified Urban |
| Lick Branch 0.0 to 2.3 | 2.3 miles | KY496428 01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Stormwater, Urban Runoff/Storm Sewers |
| Lick Creek 0.0 to 2.15 | 2.15 miles | KY496428_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 miles | KY496483_02 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | Agriculture, Channelization, Loss of Riparian Habitat, Non- Point Source, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|---------|----------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Licking River 0.0 to 4.8 | 4.8 miles | KY513416_01 | 5100101 | Campbell | 5-PS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers |
| Licking River 4.8 to 14.9 | 10.1 miles | KY513416_02 | 5100101 | Campbell | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Licking River 31.0 to 37.6 | 6.6 miles | KY513416_04 | 5100101 | Kenton | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Licking River 174.4 to 180.8 | 6.4 miles | KY513416_11 | 5100101 | Rowan | 5-PS | SCR | Fecal Coliform | Source Unknown |
| Licking River 224.3 to 241.3 | 17 miles | KY513416_12 | 5100101 | Morgan | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Source Unknown |
| Licking River 265.0 to 271.6 | 6.6 miles | KY513416_13 | 5100101 | Magoffin | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Silviculture Activities |
| Licking River 265.0 to 271.6 | 6.6 miles | KY513416_13 | 5100101 | Magoffin | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Silviculture Activities |
| | o.o nines | K1313410_13 | 3100101 | Magorini | 5-13 | WAII | | Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Coal Mining, Loss of Riparian Habitat, Mountaintop Mining, Non- Point Source, Petroleum/Natural Gas Activities, Rural (Residential |
| Licking River 265.0 to 271.6 | 6.6 miles | KY513416_13 | 5100101 | Magoffin | 5-PS | WAH | Sedimentation/Silt ation | Areas), Unspecified Urban Stormwater |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---|-----------------------|----------------------------|----------------|----------------------|---------------------|-----|---|--|
| Licking River 265.0 to 271.6 | 6.6 miles | KY513416_13 | 5100101 | Magoffin | 5-PS | WAH | Specific Conductance | Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Activities, Rural (Residential Areas) |
| Licking River 265.0 to 271.6 | 6.6 miles | KY513416_12 | 05100101 | Magoffin | 5-PS | WAH | Turbidity | Silviculture Activities |
| Licking River 271.6 to 294.1 Licking River 271.6 to 294.1 Licking River 294.1 | 22.5 miles 22.5 miles | KY513416_14 KY513416_14 | 5100101 | Magoffin Magoffin | 5-PS | WAH | Sedimentation/Silt ation Specific Conductance Sedimentation/Silt | Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Coal Mining, Loss of Riparian Habitat, Non- Point Source, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Streambank Modifications/Destabilizatio Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas) |
| to 302.4 | 8.3 miles | KY513416_15 | 5100101 | Magoffin | 5-NS | WAH | ation | Surface Mining |
| Little Beaver Creek 0.0 to 3.3 | 3.3 miles | KY496612_01 | 5100101 | Harrison | 5-PS | WAH | Nutrient/Eutrophic ation 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 | 5100101 | Harrison | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Highway/Road/Bridge Runoff (Non-Construction Related) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|---------|----------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Stoner Creek 0.0 to 5.0 | 5 miles | KY496870_00 | 5100102 | Clark | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Locust Creek 0.0 to 11.8 | 11.8 miles | KY496939_01 | 5100101 | Fleming | 5-PS | WAH | Nutrient/Eutrophic ation 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 | 5100101 | Fleming | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land) |
| Logan Run 0.0 to 2.3 | 2.3 miles | KY496986_00 | 5100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |
| Long Branch 0.0 to 3.9 | 3.9 miles | KY497039_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 | 5100101 | 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 |
| Mash Fork 0.0 to 3.0 | 3 miles | KY497650_01 | 5100101 | Magoffin | 5-PS | WAH | Cause Unknown | Source Unknown |
| Middle Fork of Licking River 0 to 2.5 | 2.5 miles | KY498128_01 | 5100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|---------|----------|------------|-----|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Mill Creek 0.0 to 21.6 | 21.6 miles | KY498263_01 | 5100102 | Harrison | 5-PS | WAH | Nutrient/Eutrophic ation 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 | 5100102 | Harrison | 5-PS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment) |
| North Fork Licking River 8.4 to 12.0 | 3.6 miles | KY514292_01 | 5100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| North Fork Licking River 12.0 to 13.1 | 1.1 miles | KY514292_02 | 5100101 | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Highway/Road/Bridge Runoff (Non-Construction Related), Upstream Source |
| North Fork Licking River 18.5 to 52.5 | 34 miles | KY499554_02 | 5100101 | Bracken | 5-NS | PCR | Fecal Coliform | Agriculture |
| North Fork Licking River 18.5 to 52.5 | 34 miles | KY499554_02 | 5100101 | Bracken | 5-NS | WAH | Sedimentation/Silt ation | Agriculture |
| Oldfield Fork 0.0 to 3.6 | 3.6 miles | KY499901_01 | 5100101 | Morgan | 5-NS | WAH | Sedimentation/Silt ation | Crop Production (Crop Land or Dry Land) |
| Phillips Creek 0.0 to 5.3 | 5.3 miles | KY500540_00 | 5100101 | Campbell | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Pretty Run 0.0 to 8.0 | 8 miles | KY501310_01 | 5100102 | 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 | 5100101 | Bath | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment | Use | Impairment | Suspected Source(s) |
|-----------------------------------|-------------|---|-----------------|------------|------------|------|--------------------------|----------------------------------|
| | Total Size | waterbody ID | пос | County | Category | USE | ппрантнен | Suspected Source(s) |
| Puncheon Camp Creek 0.0 to 1.1 | 1.1 miles | VV501442 00 | 5100101 | Magaffin | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Creek 0.0 to 1.1 | 1.1 IIIIles | KY501442_00 | 3100101 | Magoffin | 3-183 | PCK | recai Comorm | Agriculture, Channel |
| | | | | | | | | Erosion/Incision from |
| | | | | | | | | Upstream |
| | | | | | | | | Hydromodifications, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non-Point |
| Right Fork of Middle | | | | | | | | Source, Rural (Residential |
| Fork of Licking River | | *************************************** | 7 400404 | 3.5 | - DG | **** | Sedimentation/Silt | Areas), Urban Runoff/Storm |
| 3.1 to 4.6 | 1.5 miles | KY501899_01 | 5100101 | Magoffin | 5-PS | WAH | ation | Sewers |
| | | | | | | | Nutrient/Eutrophic | |
| | | | | _ | | | ation Biological | Crop Production (Crop Land |
| Rock Fork 0.0 to 4.0 | 4 miles | KY515026_01 | 5100101 | Rowan | 5-PS | WAH | Indicators | or Dry Land) |
| | | | | | | | | Crop Production (Crop Land |
| | | | | _ | | | Sedimentation/Silt | or Dry Land), Dredging (e.g., |
| Rock Fork 0.0 to 4.0 | 4 miles | KY515026_01 | 5100101 | Rowan | 5-PS | WAH | ation | for Navigation Channels) |
| C-1(1:-1 C1 2 O t- | | | | | | | 0 1 | Non-Irrigated Crop |
| Salt Lick Creek 3.0 to 8.0 | 5 miles | KY515191 01 | 5100101 | Bath | 5-PS | WAH | Sedimentation/Silt ation | Production, Rangeland Grazing |
| | 3 Illies | K1313191_01 | 3100101 | Daui | 3-P3 | WAH | ation | Grazing |
| Scrubgrass Creek 0.0 to 1.6 | 1.6 miles | VV502122 00 | 5100101 | Nicholog | 5 NC | WAII | Course Unitmourn | Course University |
| Slate Creek 0.0 to | 1.6 miles | KY503123_00 | 5100101 | Nicholas | 5-NS | WAH | Cause Unknown | Source Unknown |
| 13.6 | 13.6 miles | KY515470_01 | 5100101 | Bath | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Spruce Creek 0.0 to | | | | | | | Sedimentation/Silt | Grazing in Riparian or |
| 1.7 | 1.7 miles | KY504170_01 | 5100101 | Montgomery | 5-PS | WAH | ation | Shoreline Zones |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|----------|------------|-----|--------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | County | outige.) | | | Channel Erosion/Incision from Upstream Hydromodifications, Coal Mining, Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Unspecified Urban |
| State Road Fork 0.0 | | ļ | | | | | Sedimentation/Silt | Stormwater, Urban |
| to 5.8 | 5.8 miles | KY504284_01 | 5100101 | Magoffin | 5-NS | WAH | ation | Runoff/Storm Sewers |
| State Road Fork 0.0 to 5.8 | 5.8 miles | KY504284_01 | 5100101 | Magoffin | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Production Activities (Permitted), Unspecified Urban Stormwater, Urban Runoff/Storm Sewers |
| Stinson Creek 0.0 to 3.3 | 3.3 miles | KY504434_01 | 5100101 | Magoffin | 5-NS | WAH | Sedimentation/Silt ation | 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 5.5 | 5.5 miles | KY504482_01 | 5100102 | Bourbon | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Stoner Creek 5.5 to 15.0 | 9.5 miles | KY504482_02 | 5100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Stony Creek 0.0 to 3.0 | 3 miles | KY504500_00 | 5100101 | Nicholas | 5-NS | WAH | Cause Unknown | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|----------|---------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Straight Creek 0.0 to 1.8 | 1.8 miles | KY504549_00 | 5100101 | Morgan | 5-NS | WAH | Sedimentation/Silt ation | 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 | 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 |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | 5100102 | Bourbon | 5-PS | PCR | Fecal Coliform, Escherichia coli | Agriculture, Municipal Point Source Discharges, Unspecified Urban Stormwater, Non-Point Source |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | 5100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Municipal Point Source Discharges, Non-Point Source |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | 5100102 | 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 | 5100102 | Bourbon | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction) |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | 5100102 | Bourbon | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Municipal Point Source Discharges, Non-Point Source |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|---------|------------|-------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | 5100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophic ation 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 | 5100102 | Bourbon | 5-PS | 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 | 5100102 | Bourbon | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction) |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | 5100102 | Bourbon | 5-PS | 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 | 5100102 | Clark | 5-NS | SCR, PCR | Fecal Coliform, Escherichia coli | Agriculture, Municipal Point Source Discharges, Non-Point Source |
| Strodes Creek 19.3 to 26.4 | 7.1 miles | KY504593_03 | 5100102 | Clark | 5-NS | WAH | Nutrient/Eutrophic ation 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 |

| Waterbody & | Total Size | Watanhady ID | 8-Digit HUC | Country | Assessment | Haa | Immoinment | Sugmented Source(s) |
|----------------------------|-------------|--------------|----------------|----------|------------|-----|---|--|
| Segment | 1 otai Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Strodes Creek 19.3 to 26.4 | 7.1 miles | KY504593_03 | 5100102 | 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 |
| Threemile Creek 0.1 to 4.7 | 4.6 miles | KY505251_00 | 5100101 | 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 | 5100101 | Campbell | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Sanitary Sewer Overflows (Collection System Failures) |
| Threemile Creek 0.1 to 4.7 | 4.6 miles | KY505251_00 | 5100101 | Campbell | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Sanitary Sewer Overflows (Collection System Failures) |
| Townsend Creek 0.0 to 4.9 | 4.9 miles | KY505401_01 | 5100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Trace Fork 0.0 to 3.1 | 3.1 miles | KY505437_00 | 5100101 | Magoffin | 5-PS | WAH | Sedimentation/Silt ation | 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 | 5100101 | Magoffin | 5-PS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------------|------------|---------------------|----------|----------|------------|-------------|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Trace Fork 0.0 to 3.1 | 3.1 miles | KY505437_00 | 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 |
| Triplett Creek 5.9 to 12.3 | 6.4 miles | KY516023_01 | 5100101 | Rowan | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Agriculture, Municipal Point Source Discharges, Source Unknown, Unspecified Urban Stormwater |
| Triplett Creek 5.9 to 12.3 | 6.4 miles | KY516023_01 | 5100101 | Rowan | 5-PS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture |
| Triplett Creek 5.9 to 12.3 | 6.4 miles | KY516023_01 | 5100101 | Rowan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Triplett Creek 5.9 to 12.3 | 6.4 miles | KY516023_01 | 5100101 | Rowan | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction), Impacts from Hydrostructure Flow Regulation/Modification, Municipal Point Source Discharges |
| UT to Hancock Creek 0.0 to 3.72 | 3.72 miles | KY493672- 4.3_01 | 5100102 | Clark | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Loss of Riparian Habitat, Non-Point Source, Residential Districts |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------------|------------|----------------------|---------|---------|------------|-------------|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Hancock Creek 0.0 to 3.72 | 3.72 miles | KY493672- 4.3_01 | 5100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Non-Point Source, Urban Runoff/Storm Sewers |
| UT to Mill Creek 0.0 to 4.0 | 4 miles | KY498265- 7.0_01 | 5100101 | 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 | 5100101 | Fleming | 5-NS | WAH | Sedimentation/Silt ation | Dairies (Outside Milk Parlor Areas), Highway/Road/Bridge Runoff (Non-Construction Related), Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Unrestricted Cattle Access |
| UT to Mill Creek 0.0 to 4.0 | 4 miles | KY498265- 7.0_01 | 5100101 | Fleming | 5-NS | WAH | Total Kjeldahl Nitrogen (TKN) | Dairies (Outside Milk Parlor Areas), Livestock (Grazing or Feeding Operations), Unrestricted Cattle Access |
| UT to Strodes Creek 0.0 to 3.8 | 3.8 miles | KY504593- 22.2_01 | 5100102 | Clark | 5-NS | SCR, PCR | Fecal Coliform, Escherichia coli | Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non- Point Source, Residential Districts, Urban Runoff/Storm Sewers |
| UT to Strodes Creek 0.0 to 3.8 | 3.8 miles | KY504593- 22.2_01 | 5100102 | Clark | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------------------------|------------|----------------------|---------|--------|------------|-----|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Strodes Creek 0.0 to 3.8 | 3.8 miles | KY504593- 22.2_01 | 5100102 | Clark | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture, Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers |
| UT to Strodes Creek 0.0 to 3.8 | 3.8 miles | KY504593- 22.2_01 | 5100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers |
| UT to UT to Lees Creek 0.0 to 1.6 | 1.6 miles | KY496181- 4.3_01 | 5100101 | 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 | 5100101 | Mason | 5-NS | WAH | Sedimentation/Silt ation | 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 | 5100101 | 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 |
| Williams Creek 0.0 to 5.3 | 5.3 miles | KY506817_01 | 5100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Williams Creek 0.0 to 5.3 | 5.3 miles | KY506817_01 | | Morgan | 5-PS | WAH | Sedimentation/Silt ation | Agriculture, Crop Production (Crop Land or Dry Land), Natural Sources |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|----------------|--------|------------------------|-------------|--|--|
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | 5100102 | Clark | 5-NS | PCR, SCR | Fecal Coliform | Agriculture, Non-Point Source |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | 5100102 | Clark | 5-NS | WAH | Nutrient/Eutrophic ation Biological Indicators | Agriculture, Loss of Riparian Habitat, Non-Point Source |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | 5100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture, Non-Point Source |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------|---------------|--------------|----------------|-----------|------------------------|-----|--|--|
| Cave Run Lake | 8270 acres | KY511277_00 | 5100101 | Rowan | 5-PS | FC | Methylmercury | Atmospheric Deposition - Toxics, Source Unknown |
| Doe Run Lake | 51 acres | KYCLN082_00 | 5100101 | Kenton | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown, Upstream Source |
| Doe Run Lake | 51 acres | KYCLN082_00 | 5100101 | Kenton | 5-PS | WAH | Oxygen, Dissolved | Source Unknown, Upstream Source |
| Kincaid Lake | 183 acres | KYCLN045_00 | 5100101 | Pendleton | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Kincaid Lake | 183 acres | KYCLN045_00 | 5100101 | Pendleton | 5-PS | WAH | Oxygen, Dissolved | Agriculture |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|---------------|--------------|----------------|----------|---------------------|-----|---|--|
| Allen Fork 2.0 to 4.6 | 2.6 miles | KY485869_00 | 5090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Unspecified Urban Stormwater |
| Allen Fork 2.0 to 4.6 | 2.6 miles | KY485869_00 | 5090203 | Boone | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater |
| Big South Fork 2.3 to 4.3 | 2 miles | KY487259_01 | 5090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Big South Fork 2.3 to 4.3 | 2 miles | KY487259_01 | 5090203 | Boone | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities, Site Clearance (Land Development or Redevelopment) |
| Big Sugar Creek 0.7 to 2.0 | 1.3 miles | KY487280_01 | 5090203 | 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 | 5090203 | 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 | 5090203 | 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) |
| Bracken Creek 2.8 to 11.0 | 8.2 miles | KY487783_01 | 5090201 | 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 |
| Briery Branch 0.2 to 2.2 | 2 miles | KY487905_01 | 5090201 | Lewis | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Rural (Residential Areas) |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|---------------------------|--------------|--------------|---------|----------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Brush Creek 0.0 to 1.6 | 1.6 miles | KY488069_00 | 5090201 | Campbell | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Cabin Creek 3.6 to 11.3 | 7.7 miles | KY488566_00 | 5090201 | Mason | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| Clary Branch 0.0 to 1.9 | 1.9 miles | KY489562_01 | 5090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | 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 miles | KY491168_00 | 5090203 | 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 | 5090203 | 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 | 5090203 | 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 | 5090203 | 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 | 5090203 | 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) |
| Fourmile Creek 0.2 to 8.5 | 8.3 miles | KY492390_01 | 5090201 | Campbell | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges, Sanitary Sewer Overflows (Collection System Failures) |
| Goose Creek 0.0 to 1.9 | 1.9 miles | KY493006_00 | 5090201 | Bracken | 5-PS | WAH | Cause Unknown | Natural Sources, Surface Mining |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|---------------|--------------|----------------|--------|---------------------|-----|---|--|
| Gunpowder Creek 0.0 to 15.0 | 15 miles | KY493502_01 | 5090203 | Boone | 5-NS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment) |
| Gunpowder Creek 15.4 to 17.1 | 1.7 miles | KY493502_02 | 05090203 | Boone | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture, Unspecified Urban Stormwater, Site Clearance (Land Development or Redevelopment) |
| Gunpowder Creek 15.4 to 17.1 | 1.7 miles | KY493502_02 | 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 | 05090203 | Boone | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Unspecified Urban Stormwater, Streambank Modifications/destabilization, Site Clearance (Land Development or Redevelopment), Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related) |
| Gunpowder Creek 18.9 to 21.6 | 2.7 miles | KY493502 03 | 5090203 | Boone | 5-PS | WAH | Cause Unknown | Unspecified Urban Stormwater |
| Laurel Fork 5.8 to 15.9 | 10.1 miles | KY513259_01 | 5090201 | 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 | 5090201 | 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 | 5090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Silviculture Activities |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---|---------------|--------------|----------------|--------------|---------------------|-----|---|--|
| Laurel Fork 5.8 to 15.9 | 10.1 miles | KY513259_01 | 05090201 | Lewis | 5-PS | WAH | Turbidity | Dredging (E.g., for Navigation Channels), Silviculture Activities |
| Lick Run Creek 0.0 to 3.5 | 3.5 miles | KY513414_01 | 5140104 | 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 | 5140104 | Breckinridge | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones |
| Little Kentucky River 21.5 to 27.65 | 6.15 miles | KY496778_02 | 5140101 | Henry | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Livestock (Grazing or Feeding Operations) |
| Little Kentucky River 21.5 to 27.65 | 6.15 miles | KY496778_02 | 5140101 | Henry | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Locust Creek 0.0 to 4.1 | 4.1 miles | KY496941_01 | 5090201 | Bracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Locust Creek 4.1 to 12.2 | 8.1 miles | KY496941_02 | 5090201 | Bracken | 5-NS | WAH | Cause Unknown | Source Unknown |
| Middle Creek 0.4 to 5.6 | 5.2 miles | KY498106_01 | 5090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Middle Creek 0.4 to 5.6 | 5.2 miles | KY498106_01 | 5090203 | Boone | 5-PS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment), Silviculture Activities |
| Montgomery Creek 0.0 to 6.5 | 6.5 miles | KY498512_01 | 5090201 | 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 | 5090201 | 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 |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|---|------------|--------------|----------------------|---------|------------|---|---|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Montgomery | 6.5 | | | | | | | Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Site Clearance (Land Development or |
| Creek 0.0 to 6.5 | miles | KY498512 01 | 5090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Redevelopment) |
| | | | 5 0 3 0 2 0 1 | 26.110 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | Highway/Road/Bridge Runoff (Non-Construction Related), Impervious Surface/Parking Lot Runoff, Loss of Riparian Habitat, |
| Salt Lick Creek 0.2 to 7.2 | 7 miles | KY502828_01 | 5090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Runoff from Forest/Grassland/Parkland |
| Snag Creek 0.5 to 5.5 | 5 miles | KY503833_00 | 5090201 | Bracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | 5090203 | Boone | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | 5090203 | 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 | 5090203 | 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 | 05090203 | Boone | 5-NS | WAH | Turbidity | Agriculture, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation, Package Plant or Other Permitted Small Flows Discharges |
| South Fork Gunpowder Creek 4.1 to 6.8 | 2.7 miles | KY503926_02 | 5090203 | Boone | 5-NS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-------------------------------|--------------|--------------|---------|----------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Tenmile Creek 0.05 to 1.15 | 1.1 miles | KY505071_01 | 5090201 | 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) Crop Production (Crop Land or Dry |
| Tenmile Creek 0.05 to 1.15 | 1.1 miles | KY505071_01 | 5090201 | Campbell | 5-PS | WAH | Sedimentation/Siltation | Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment) |
| Trace Creek 0.2 to 4.6 | 4.4 miles | KY505424_01 | 5090201 | Lewis | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Silviculture Activities |
| Trace Creek 0.2 to 4.6 | 4.4 miles | KY505424_01 | 5090201 | 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 | 5090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Silviculture Activities |
| Woolper Creek 2.8 to 7.2 | 4.4 miles | KY485711_01 | 5090203 | Boone | 5-NS | PCR | Fecal Coliform | Agriculture |
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | 5090203 | 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 | 5090203 | Boone | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|---------------|--------------|----------------|--------|------------------------|-----|---|--|
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | 5090203 | 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 | 5090203 | Boone | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers |
| Woolper Creek | 2.1 miles | KY485711 02 | 5090203 | 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 |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------|---------------|--------------|----------------|----------|---------------------|-----|--|---|
| Alexandria Park Lake | 6.1 acres | KY0062_00 | 5090201 | Campbell | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Lake Jericho | 137 acres | KY495230_00 | 5140101 | 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 | 5140101 | Henry | 5-NS | WAH | Oxygen, Dissolved | Agriculture, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations) |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|---------------|------------------------------|----------------|-----------|---------------------|-------------|---|--|
| Beargrass Creek 0.5 to 1.8 | 1.3 miles | KY486584_01 | 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 | 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 |
| Beech Creek 4.6 to 19.6 | 15 miles | KY486700_01 | 5140102 | Shelby | 5-NS | PCR, SCR | Fecal Coliform | Source Unknown |
| Beech Fork 39.5 to 50.4 | 10.9 miles | KY486703_02 | 5140103 | Nelson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Big South Fork 0.0 to 12.4 | 12.4 miles | KY487258_01 | 5140103 | Marion | 5-PS | PCR | Fecal Coliform | Grazing in Riparian or Shoreline Zones |
| Blue Spring Ditch 0.0 to 2.1 | 2.1 miles | KY501047-1.9- 15.0-5.1_01 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Brashears Creek 0.0 to 13.0 | 13 miles | KY487840_01 | 5140102 | Spencer | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Brooks Run 0.0 to 2.5 | 2.5 miles | KY487968_01 | 5140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 0.0 to 2.5 | 2.5 miles | KY487968_01 | 5140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-------------------------------------|--------------|--------------|----------|------------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Brooks Run 2.5 to 4.1 | 1.6 miles | KY487968_02 | 5140102 | Bullitt | 5-PS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Brooks Run 2.5 to 4.1 | 1.6 miles | KY487968_02 | 5140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 2.5 to 4.1 | 1.6 miles | KY487968_02 | 5140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 4.1 to 6.1 | 2 miles | KY487968_03 | 5140102 | Bullitt | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Brooks Run 4.1 to 6.1 | 2 miles | KY487968_03 | 5140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 4.1 to 6.1 | 2 miles | KY487968_03 | 5140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Bullitt Lick Creek 0.0 to 2.3 | 2.3 miles | KY488374_00 | 5140102 | 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 | 05140102 | Bullitt | 5-PS | WAH | Turbidity | Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Post- development Erosion and Sedimentation |
| Cartwright Creek 0.0 to 6.6 | 6.6 miles | KY489030_01 | 5140103 | Washington | 5-NS | PCR | Fecal Coliform | Agriculture |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|---------------|--------------|----------------|------------|---------------------|-----|--|---|
| Cartwright Creek 0.0 to 6.6 | 6.6 miles | KY489030_01 | 5140103 | Washington | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Cartwright Creek 0.0 to 6.6 | 6.6 miles | KY489030_01 | 5140103 | Washington | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Cartwright Creek 6.6 to12.6 | 6 miles | KY489030_02 | 5140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |
| Chaplin River 0.0 to 23.1 | 23.1 miles | KY489350_01 | 5140103 | Nelson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Chaplin River 63.0 to 69.7 | 6.7 miles | KY489350_04 | 5140103 | Mercer | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cheese Lick 0.7 to 4.4 | 3.7 miles | KY489380_01 | 5140103 | 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 | 5140103 | Anderson | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Streambank Modifications/Destabilization |
| Chenoweth Run 0.0 to 5.2 | 5.2 miles | KY489391_01 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Chenoweth Run 5.2 to 9.2 | 4 miles | KY489391_02 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Clear Creek 0 to 4.4 | 4.4 miles | KY489613_00 | 5140103 | Hardin | 5-NS | WAH | Cause Unknown | Source Unknown |

| Total | W. I.I.D | 8-Digit | | Assessment | T.T. | | 0 (10 () |
|--------------|--|--|--|--|---|---|--|
| Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| 11 miles | KY489615_00 | 5140102 | Shelby | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Urban Runoff/Storm Sewers |
| 11 miles | KY489615_00 | 5140102 | Shelby | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater |
| 11 miles | KY489615_00 | 5140102 | Shelby | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater |
| 4.3 miles | KY490220_02 | 5140102 | Nelson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |
| 4.7 miles | KY490220_01 | 5140102 | Bullitt | 5-PS | PCR | Fecal Coliform | Source Unknown |
| 7.2 miles | KY490379_00 | 5140103 | Bullitt | 5-NS | WAH | Cause Unknown | Source Unknown |
| 4.8 miles | KY490506_01 | 5140102 | Oldham | 5-NS | PCR | Fecal Coliform | Municipal (Urbanized High Density Area), Package Plant or Other Permitted Small Flows Discharges |
| 4.8 | VV400506 01 | 5140102 | Oldhorr | 5 DC | WALL | Nutrient/Eutrophication | Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment) |
| | 11 miles 11 miles 11 miles 4.3 miles 4.7 miles 7.2 miles 4.8 miles | Size Waterbody ID 11 miles KY489615_00 11 miles KY489615_00 11 miles KY489615_00 4.3 miles KY490220_02 4.7 miles KY490220_01 7.2 miles KY490379_00 4.8 miles KY490506_01 4.8 4.8 | Size Waterbody ID HUC 11 miles KY489615_00 5140102 11 miles KY489615_00 5140102 11 miles KY489615_00 5140102 4.3 miles KY490220_02 5140102 4.7 miles KY490220_01 5140102 7.2 miles KY490379_00 5140103 4.8 miles KY490506_01 5140102 4.8 4.8 | Size Waterbody ID HUC County 11 miles KY489615_00 5140102 Shelby 11 miles KY489615_00 5140102 Shelby 11 miles KY489615_00 5140102 Shelby 4.3 miles KY490220_02 5140102 Nelson 4.7 miles KY490220_01 5140102 Bullitt 7.2 miles KY490379_00 5140103 Bullitt 4.8 miles KY490506_01 5140102 Oldham | Size Waterbody ID HUC County Category 11 miles KY489615_00 5140102 Shelby 5-NS 11 miles KY489615_00 5140102 Shelby 5-NS 4.3 miles KY490220_02 5140102 Shelby 5-PS 4.7 miles KY490220_01 5140102 Bullitt 5-PS 7.2 miles KY490379_00 5140103 Bullitt 5-NS 4.8 miles KY490506_01 5140102 Oldham 5-NS | Size Waterbody ID HUC County Category Use 11 miles KY489615_00 5140102 Shelby 5-NS WAH 11 miles KY489615_00 5140102 Shelby 5-NS WAH 4.3 miles KY489615_00 5140102 Shelby 5-NS WAH 4.7 miles KY490220_02 5140102 Nelson 5-PS WAH 4.7 miles KY490220_01 5140102 Bullitt 5-PS PCR 7.2 miles KY490379_00 5140103 Bullitt 5-NS WAH 4.8 miles KY490506_01 5140102 Oldham 5-NS PCR | Size Waterbody ID HUC County Category Use Impairment 11 KY489615_00 5140102 Shelby 5-NS WAH Nutrient/Eutrophication Biological Indicators 11 Miles KY489615_00 5140102 Shelby 5-NS WAH Sedimentation/Siltation 4.3 Miles KY490220_02 5140102 Shelby 5-NS WAH Sedimentation/Siltation 4.7 Miles KY490220_01 5140102 Nelson 5-PS WAH Nutrient/Eutrophication Biological Indicators 7.2 Miles KY490379_00 5140102 Bullitt 5-PS PCR Fecal Coliform 4.8 Miles KY490506_01 5140102 Oldham 5-NS PCR Fecal Coliform 4.8 Miles KY490506_01 5140102 Oldham 5-NS PCR Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------------------|---------------|--------------|----------------|------------|------------------------|-----|---|--|
| Currys Fork 0.0 to 4.8 | 4.8 miles | KY490506_01 | 5140102 | Oldham | 5-PS | WAH | Oxygen, Dissolved | Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment) |
| Currys Fork 0.0 to 4.8 | 4.8 miles | KY490506_01 | 5140102 | Oldham | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment) |
| Doe Run 4.1 to 7.9 | 3.8 miles | KY490968_00 | 5140104 | Meade | 5-NS | PCR | Fecal Coliform | Source Unknown |
| East Fork Beech Fork 0.0 to 1.9 | 1.9 miles | KY491439_01 | 5140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |
| Fern Creek 0.0 to 1.3 | 1.3 miles | KY492042_01 | 5140102 | 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 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Fern Creek 0.0 to 1.3 | 1.3 miles | KY492042_01 | 5140102 | 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 | 5140102 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater |

| Waterbody & | Total | Watashada ID | 8-Digit | Country | Assessment | II. | I | Compared Compared |
|-------------------------|---------------|---------------------------|---------|-------------------|---------------|------------|---|---|
| Fern Creek 1.3 to 4.4 | 3.1 miles | Waterbody ID KY492042 02 | 5140102 | County Jefferson | Category 5-NS | Use PCR | Impairment Fecal Coliform | Suspected Source(s) Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Fern Creek 1.3 to 4.4 | 3.1 miles | KY492042_02 | 5140102 | 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 | 5140102 | 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 4.4 to 5.9 | 1.5 miles | KY492042_03 | 5140102 | 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 | 5140102 | 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 | 5140102 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Floyds Fork 0.0 to 11.6 | 11.6 miles | KY492278_01 | 5140102 | Bullitt | 5-NS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-----------------------------|---------------|--------------|----------|------------|------------|-----|--|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Floyds Fork 11.6 to 24.2 | 12.6 miles | KY492278_02 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers |
| Floyds Fork 11.6 to 24.2 | 12.6 miles | KY492278_02 | 5140103 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Floyds Fork 24.2 to 34.1 | 9.9 miles | KY492278_03 | 5140102 | Jefferson | 5-PS | PCR | Fecal Coliform | 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 | 5140102 | Jefferson | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Grazing in Riparian or Shoreline Zones, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | 05140102 | Shelby | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Site Clearance (Land Development or Redevelopment) |
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | 05140102 | 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) |
| Glens Creek 0.0 to 4.8 | 4.8 miles | KY492904_01 | 5140103 | Washington | 5-PS | WAH | Sedimentation/Siltation | Streambank Modifications/Destabilization |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|---------------|--------------|----------------|-----------|---------------------|-----|---|---|
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | 05140101 | Jefferson | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | 05140101 | Jefferson | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Guist Creek 15.4 to 27.6 | 12.2 miles | KY493463_02 | 05140102 | Shelby | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations) |

| Waterbody & | Total | W. L. L. D. | 8-Digit | G . | Assessment | TT | | G (10 () |
|-------------------------------|---------------|--------------|----------|--------------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Guist Creek 15.4 to 27.6 | 12.2 miles | KY493463_02 | 05140102 | Shelby | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations) |
| Guist Creek 15.4 to 27.6 | 12.2 miles | KY493463_02 | 5140102 | Shelby | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater, Upstream Impoundments (e.g., Pl-566 NRCS Structures) |
| Hardins Creek 0.0 to 5.0 | 5 miles | KY493728_01 | 5140104 | Breckinridge | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing, Non- Irrigated Crop Production |
| Hardins Creek 0.0 to 5.0 | 5 miles | KY493728_01 | 5140104 | Breckinridge | 5-NS | WAH | Sedimentation/Siltation | Managed Pasture Grazing, Non- Irrigated Crop Production |
| Hardins Creek 5.2 to 11.4 | 6.2 miles | KY493728_02 | 5140104 | Breckinridge | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Hardins Creek 5.2 to 11.4 | 6.2 miles | KY493728_02 | 5140104 | Breckinridge | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Hardins Creek 13.3 to 22.9 | 9.6 miles | KY493729_02 | 5140103 | 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 | 5140103 | Marion | 5-PS | WAH | Phosphorus (Total) | Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|---------------|--------------|----------------|---------|------------------------|-----|---|--|
| Hardins Creek 13.3 to 22.9 | 9.6 miles | KY493729_02 | 5140103 | Marion | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access |
| Hardy Creek 1.6 to 5.6 | 4 miles | KY493737_02 | 5140101 | Trimble | 5-PS | WAH | Cause Unknown | Source Unknown |
| Hardy Creek 0.0 to 1.4 | 1.4 miles | KY493737_01 | 5140101 | 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 | 5140101 | 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 |
| Harrods Creek 0.0 to 3.2 | 3.2 miles | KY493826_01 | 5140101 | 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 | 5140101 | Oldham | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal (Urbanized High Density Area) |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------------------|---------------|--------------|----------------|-----------|------------------------|-----|--|--|
| Harrods Creek 3.2 to 33.3 | 30.1 miles | KY493826_02 | 5140101 | 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 |
| Hayden Creek 0.0 to 1.3 | 1.3 miles | KY493903_01 | 5140103 | Mercer | 5-NS | WAH | Other | Source Unknown |
| Hite Creek 0.0 to 5.5 | 5.5 miles | KY494393_00 | 5140101 | Jefferson | 5-NS | WAH | Cause Unknown | Municipal Point Source Discharges |
| Jeptha Creek 0.0 to 0.7 | 0.7 miles | KY495221_00 | 5140102 | Shelby | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations) |
| Jeptha Creek 0.0 to 0.7 | 0.7 miles | KY495221_00 | 5140102 | Shelby | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations) |
| Jones Creek 0.0 to 3.9 | 3.9 miles | KY495492_00 | 5140103 | Marion | 5-PS | WAH | Cause Unknown | Source Unknown |
| Little Goose Creek 0.0 to 9.2 | 9.2 miles | KY496745_00 | 5140101 | Jefferson | 5-PS | PCR | Fecal Coliform | Urban Runoff/Storm Sewers |
| Long Lick Creek 0.0 to 10.5 | 10.5 miles | KY497124_01 | 5140102 | Bullitt | 5-NS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access |
| Long Run 0.0 to 10.0 | 10 miles | KY497142_00 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Mellins Branch 0.0 to 1.5 | 1.5 miles | KY496047_01 | 5140101 | Carroll | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--|---------------|--------------|----------------|-----------|---------------------|-----|---|---|
| Mellins Branch | 1.5 miles | KY496047_01 | 5140101 | 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) |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | 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 | 05140101 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers |
| Middle Fork Beargrass Creek 2.0 to 2.9 | 0.9 miles | KY498112_02 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers |
| Middle Fork Beargrass Creek 2.9 to 15.3 | 12.4 miles | KY498112_03 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Sanitary Sewer Overflows (Collection System Failures) |
| Mill Creek 0.0 to 11.2 | 11.2 miles | KY498268_00 | 5140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|--|---------------|--------------------------|---------|-----------|------------|-----|---|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Mill Creek 0.0 to 11.2 | 11.2 miles | KY498268_00 | 5140101 | 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 | 5140101 | 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 | 5140101 | Jefferson | 5-NS | WAH | Sedimentation/Siltation | 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 miles | KY498275_01 | 5140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Muddy Fork Beargrass Creek 0.0 to 6.9 | 6.9 miles | KY499042_00 | 5140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY501047-1.9- 15.0_01 | 5140102 | Jefferson | 5-PS | WAH | Ammonia (Un-ionized) | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|---|----------------------|--------------------------|---------|-----------|------------|-----|---|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY501047-1.9- 15.0_01 | 5140102 | 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 | 5140102 | 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 | 5140102 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Otter Creek 0.0 to 10.7 Otter Creek 0.0 | 10.7 miles 2.9 | KY500026_00 | 5140104 | Meade | 5-PS | PCR | Fecal Coliform | Landfills, Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater |
| to 2.9 | miles | KY500024_01 | 5140103 | Larue | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Pennsylvania Run 0.0 to 3.3 | 3.3 miles | KY500387_01 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|--------------------------------|--------------|--------------|---------|------------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Pennsylvania Run 0.0 to 3.3 | 3.3 miles | KY500387_01 | 5140102 | Jefferson | 5-NS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels), Loss of Riparian Habitat, Runoff from Forest/Grassland/Parkland, Streambank Modifications/Destabilization, Upstream Impoundments (e.g., Pl- 566 NRCS Structures) |
| Pleasant Run 4.2 to 6.9 | 2.7 miles | KY500907_01 | 5140103 | 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 | 5140103 | Washington | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unrestricted Cattle Access |
| Plum Creek 0.0 to 17.8 | 17.8 miles | KY500965_01 | 5140102 | 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 | 5140102 | Spencer | 5-NS | WAH | Sedimentation/Siltation | 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 miles | KY501047_00 | 5140101 | Oldham | 5-PS | WAH | Chlorine | Municipal Point Source Discharges |
| Pond Creek 0.0 to 1.5 | 1.5 miles | KY501047_00 | 5140101 | Oldham | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Pond Creek 0.0 to 1.5 | 1.5 miles | KY501047_00 | 5140101 | Oldham | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------|---------------|--------------|----------------|------------|---------------------|-----|-------------------------|---|
| Pond | Size | waterbody ID | HOC | County | Category | USE | Ппрантнен | Suspected Source(s) |
| Creek/Southern | 3 | | | | | | | Package Plant or Other Permitted |
| Ditch 5.1 to 8.1 | miles | KY501046_01 | 5140102 | Jefferson | 5-NS | WAH | Ammonia (Un-ionized) | Small Flows Discharges |
| | | | | | | | | On-Site Treatment Systems |
| | | | | | | | | (Septic Systems and Similar |
| D 1 | | | | | | | | Decentralized Systems), Package |
| Pond Creek/Southern | 3 | | | | | | | Plant or Other Permitted Small Flows Discharges, Unspecified |
| Ditch 5.1 to 8.1 | miles | KY501046 01 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Urban Stormwater |
| Pond | mics | 181301010_01 | 3110102 | Jenerson | 3 110 | TCK | 1 ccar comorni | Orban Stormwater |
| Creek/Southern | 3 | | | | | | Nutrient/Eutrophication | Package Plant or Other Permitted |
| Ditch 5.1 to 8.1 | miles | KY501046_01 | 5140102 | Jefferson | 5-NS | WAH | Biological Indicators | Small Flows Discharges |
| Pond | | _ | | | | | Organic Enrichment | |
| Creek/Southern | 3 | | | | | | (Sewage) Biological | Package Plant or Other Permitted |
| Ditch 5.1 to 8.1 | miles | KY501046_01 | 5140102 | Jefferson | 5-NS | WAH | Indicators | Small Flows Discharges |
| Pope Lick | | | | | | | | Municipal Point Source |
| Creek 2.0 to | 3.2 | | | | | | | Discharges, Unspecified Urban |
| 5.2 | miles | KY501089_00 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Stormwater |
| | | | | | | | | |
| | | | | | | | | Impervious Surface/Parking Lot Runoff, Loss of Riparian Habitat, |
| | | | | | | | | Municipal (Urbanized High |
| | | | | | | | | Density Area), Municipal Point |
| | | | | | | | | Source Discharges, Urban |
| | | | | | | | | Runoff/Storm Sewers, Wet |
| Road Run 0.0 | 7.1 | | | | | | | Weather Discharges (Non-Point |
| to 7.1 | miles | KY502031_01 | 5140103 | Washington | 5-PS | WAH | Phosphorus (Total) | Source) |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|----------------|--------------|----------------|--------------|---------------------|-----|---|---|
| Road Run 0.0 to 7.1 | 7.1 miles | KY502031_01 | 5140103 | 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/S |
| Rolling Fork | 40.7 | K1302031_01 | 3140103 | washington | 3-13 | WAH | Sedimentation/Siltation | Orban Runon/S |
| 0.0 to 40.7 | miles | KY502293_01 | 5140103 | Larue | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Salt River 11.9 | 14.3 | | | | | | | |
| to 26.2 | miles | KY502830_01 | 5140102 | Bullitt | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Salt River 11.9 to 26.2 | 14.3 miles | KY502830_01 | 5140102 | Bullitt | 5-PS | FC | Methylmercury | Source Unknown |
| Salt River 79.0 to 90.05 | 11.05 miles | KY502830_05 | 5140102 | Anderson | 5-NS | FC | Methylmercury | Atmospheric Deposition - Toxics, Source Unknown |
| Short Creek 0.0 to 5.0 | 5 miles | KY503442_01 | 5140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | 5140104 | Breckinridge | 5-NS | PCR | Fecal Coliform | Agriculture, Municipal Point Source Discharges |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | 5140104 | Breckinridge | 5-PS | САН | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | 5140104 | Breckinridge | 5-PS | САН | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | 5140104 | Breckinridge | 5-PS | САН | Sedimentation/Siltation | Habitat Modification - other than Hydromodification |
| Sinking Creek 15.4 to 39.7 | 24.3 miles | KY515434_03 | 5140104 | Breckinridge | 5-PS | PCR | Fecal Coliform | Agriculture, Municipal Point Source Discharges |

| Waterbody & | Total | W. I.I.B | 8-Digit | G . | Assessment | ** | | G (10 () |
|---|---------------|--------------|----------|-----------|------------|-----|---|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | 05140101 | Jefferson | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges |
| South Fork Beargrass Creek 2.7 to 13.6 | 10.9 miles | KY503905_02 | 5140101 | Jefferson | 5-NS | PCR | Fecal Coliform | 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 | 5140101 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication 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 | 5140101 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|---------------|----------------------|----------------|-----------|------------------------|-----|---|--|
| Southern Ditch 0.0 to 5.9 | 5.9 miles | KY501047- 15.0_01 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Sulphur Creek 0.0 to 10.0 | 10 miles | KY504729_01 | 5140103 | Anderson | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Thompson Creek 0.0 to 9.2 | 9.2 miles | KY505206_01 | 5140103 | Mercer | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Streambank Modifications/Destabilization |
| Tioga Creek 0.0 to 2.5 | 2.5 miles | KY505301_01 | 5140104 | 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 |
| UT to Brooks Run 0.0 to 2.0 | 2 miles | KY487968- 4.3_01 | 5140102 | Bullitt | 5-NS | PCR | Fecal Coliform | 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 | 5140102 | 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 | 5140102 | Bullitt | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--------------------------------------|---------------|-----------------------|----------------|----------|---------------------|-----|---|--|
| UT to Buffalo Run 0.0 to 1.1 | 1.1 miles | KY488333- 1.6_01 | 5140102 | 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 Hammond Creek 0.0 to 1.8 | 1.8 miles | KY493640- 5.2_01 | 5140102 | Anderson | 5-NS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access |
| UT to Hammond Creek 0.0 to 1.8 | 1.8 miles | KY493640- 5.2_01 | 5140102 | 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 | 5140102 | Anderson | 5-NS | WAH | Total Kjeldahl Nitrogen (TKN) | Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access |
| UT to Pond Creek 0.0 to 0.5 | 0.5 miles | KY501047- 1.5_01 | 5140101 | 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 | 5140101 | 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 | 5140101 | Oldham | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| UT to Salt River 0.0 to 2.4 | 2.4 miles | KY502830- 124.5_01 | 5140102 | 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 |

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|---|--------------|--------------------------|---------|-----------|------------|-----|-------------------------|---|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Southern Ditch 0.0 to 2.6 | 2.6 miles | KYDOW014- 1.1_01 | 5140102 | 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 Runo |
| UT to UT to Guist Creek 0.0 to 2.4 | 2.4 miles | KY493463- 33.0-1.4_01 | 5140102 | Shelby | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Unrestricted Cattle Access |
| Wetwoods Creek (Slop Ditch) 0.0 to 3.7 | 3.7 miles | KY501047- 15.0-3.8_01 | 5140102 | Jefferson | 5-PS | WAH | Cadmium | Industrial Point Source Discharge, 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 | 5140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Wilson Creek 0.0 to 2.2 | 2.2 miles | KY506901_01 | 5140103 | Bullitt | 5-NS | WAH | Oxygen, Dissolved | Commercial Districts (Industrial Parks), Impervious Surface/Parking Lot Runoff, Municipal (Urbanized High Density Area), Urban Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|---------------|--------------|----------------|--------------|---------------------|-----|--|---|
| Wilson Creek 0.0 to 2.2 | 2.2 miles | KY506901_01 | 5140103 | Bullitt | 5-NS | WAH | Sedimentation/Siltation | 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 | 5140103 | Bullitt | 5-NS | WAH | Total Kjeldahl 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 | 5140103 | Nelson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Other Spill Related Impacts |
| Withrow Creek 0.0 to 3.9 | 3.9 miles | KY506974_01 | 5140103 | Nelson | 5-PS | WAH | Oxygen, Dissolved | Other Spill Related Impacts |
| Yellowbank Creek 1.5 to 12.0 | 10.5 miles | KY516507_01 | 5140104 | Breckinridge | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Animal Feeding Operations (NPS), Livestock (Grazing or Feeding Operations) |
| Yellowbank Creek 1.5 to 12.0 | 10.5 miles | KY516507_01 | 5140104 | Breckinridge | 5-PS | WAH | Sedimentation/Siltation | Channel Erosion/Incision from Upstream Hydromodifications, Streambank Modifications/Destabilization |
| Younger Creek 0.0 to 4.5 | 4.5 miles | KY507254_01 | 5140103 | 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 | 5140103 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Channelization, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Silviculture Activities |

| Waterbody & | | | | | Assessment | | | |
|-------------|------------|--------------|-------------|-----------|------------|-----|---------------|---------------------|
| Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Chickasaw | | | | | | | | |
| Park Pond | 1.5 acres | KYDOW015_00 | 5140101 | Jefferson | 5-PS | FC | Methylmercury | Source Unknown |

Salt-Licking Basin Unit 303(d) List Salt River Basin Lakes

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-------------------|---------------|--------------|----------|-----------|------------|-------------|---|--|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | 158 | | | | | | | |
| Beaver Lake | acres | KY486624_00 | 5140103 | Anderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| | 317 | | | | | | | |
| Guist Creek Lake | acres | KY493464_00 | 5140102 | Shelby | 5-PS | DWS | Manganese | Natural Sources |
| | 317 | | | | | | | |
| Guist Creek Lake | acres | KY493464_00 | 5140102 | Shelby | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Guist Creek Lake | 317 acres | KY493464_00 | 5140102 | Shelby | 5-NS, 5-PS | WAH, DWS | Nutrient/Eutrophication Biological Indicators | Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas) |
| Guist Creek Lake | 317 acres | KY493464_00 | 5140102 | Shelby | 5-NS, 5-PS | WAH, DWS | Organic Enrichment (Sewage) Biological Indicators | Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas) |
| Guist Creek Lake | 317 acres | KY493464_00 | 5140102 | Shelby | 5-NS | WAH | Oxygen, Dissolved | Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas) |
| | 51 | | | | | | | |
| McNeely Lake | acres | KY497757_00 | 5140102 | Jefferson | 5-NS | FC | Methylmercury | Source Unknown |
| Shelby Lake | 17 acres | KY503322_00 | 5140102 | Shelby | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Internal Nutrient Recycling |
| | 3050 | | | | | | | |
| Taylorsville Lake | acres | KYCLN141_00 | 5140102 | Spencer | 5-PS | FC | Methylmercury | Source Unknown |
| Taylorsville Lake | 3050 acres | KYCLN141_00 | 05140102 | Spencer | 5-PS | WAH | Oxygen, Dissolved | Agriculture, Upstream Source, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations) |

Salt-Licking Basin Unit 303(d) List Salt River Basin Lakes

| Waterbody & | Total | | 8-Digit | | Assessment | | | |
|-----------------|-------|--------------|---------|------------|------------|-----|-------------------------|--------------------------|
| Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | 126 | | | | | | Nutrient/Eutrophication | Source Unknown, Upstream |
| Willisburg Lake | acres | KY506852_00 | 5140103 | Washington | 5-PS | WAH | Biological Indicators | Source |
| | | | | | | | | |
| | | | | | | | | |
| | 126 | | | | | | | Source Unknown, Upstream |
| Willisburg Lake | acres | KY506852_00 | 5140103 | Washington | 5-PS | WAH | Oxygen, Dissolved | Source |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------------|------------|--------------|---------|-------------|------------|------|--|---|
| Segment Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Casey Creek 0.0 | | j | | , | <u> </u> | | 1 | Sources Outside State |
| to 3.6 | 3.6 miles | KY489043_00 | 5130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Jurisdiction or Borders |
| Claylick Creek | | | | | | | | |
| 4.8 to 10.7 | 5.9 miles | KY489591_02 | 5130205 | Crittenden | 5-NS | PCR | Fecal Coliform | Agriculture |
| | | | | | | | | Agriculture, Crop Production |
| | | | | | | | | (Crop Land or Dry Land), |
| Cl. 1: 1 C 1 | | | | | | | N. dailead/F. day allie die | Livestock (Grazing or Feeding |
| Claylick Creek 4.8 to 10.7 | 5.9 miles | KY489591_02 | 5130205 | Crittenden | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Operations), Non-Irrigated Crop Production |
| 4.6 to 10.7 | J.9 IIIICS | K1409391_02 | 3130203 | Critteriden | 3-143 | WAII | Diological filulcators | Agriculture, Crop Production |
| | | | | | | | | (Crop Land or Dry Land), |
| | | | | | | | | Livestock (Grazing or Feeding |
| Claylick Creek | | | | | | | | Operations), Non-Irrigated Crop |
| 4.8 to 10.7 | 5.9 miles | KY489591_02 | 5130205 | Crittenden | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Agriculture, Crop Production |
| | | | | | | | | (Crop Land or Dry Land), |
| | | | | | | | | Livestock (Grazing or Feeding Operations), Loss of Riparian |
| Claylick Creek | | | | | | | | Habitat, Non-Irrigated Crop |
| 10.7 to 13.9 | 3.2 miles | KY489591_03 | 5130205 | Crittenden | 5-PS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | |
| Crab Creek 0.0 to | | | | | | | Nutrient/Eutrophication | Agriculture, Grazing in Riparian |
| 4.8 | 4.8 miles | KY490240_01 | 5130205 | Lyon | 5-PS | WAH | Biological Indicators | or Shoreline Zones |
| Crab Creek 0.0 to | | _ | | • | | | | Agriculture, Grazing in Riparian |
| 4.8 | 4.8 miles | KY490240_01 | 5130205 | Lyon | 5-PS | WAH | Sedimentation/Siltation | or Shoreline Zones |
| | | | | | | | | Agriculture, Crop Production |
| | | | | | | | | (Crop Land or Dry Land), Loss |
| Cypress Creek | | | | | | | | of Riparian Habitat, Non- |
| 0.1 to 6.1 | 6 miles | KY490524_01 | 5130205 | Livingston | 5-NS | WAH | Phosphorus (Total) | Irrigated Crop Production |
| | | | | | | | | Agriculture, Crop Production |
| | | | | | | | | (Crop Land or Dry Land), Loss |
| Cypress Creek | | | | | | | | of Riparian Habitat, Non- |
| 0.1 to 6.1 | 6 miles | KY490524_01 | 5130205 | Livingston | 5-NS | WAH | Sedimentation/Siltation | Irrigated Crop Production |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------|------------|--------------|---------|-----------|------------|------|--------------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Donaldson Creek | | | | | <u> </u> | | | · · · |
| 7.2 to 9.3 | 2.1 miles | KY491000_02 | 5130205 | Trigg | 5-PS | WAH | Cause Unknown | Dredge Mining |
| Dry Creek 0.0 to | | | | | | | | |
| 3.65 | 3.65 miles | KY491176_01 | 5130205 | Caldwell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Dry Creek 0.0 to | | | | | | | | |
| 3.65 | 3.65 miles | KY491176_01 | 5130205 | Caldwell | 5-PS | WAH | Sedimentation/Siltation | Off-Road Vehicles |
| | | | | | | | | Crop Production (Crop Land or |
| | | | | | | | | Dry Land), Grazing in Riparian or Shoreline Zones, Livestock |
| | | | | | | | | (Grazing or Feeding Operations), |
| | | | | | | | | Loss of Riparian Habitat, Non- |
| Dry Fork 0.0 to | | | | | | | Nitrate/Nitrite (Nitrite | Irrigated Crop Production, |
| 7.3 | 7.3 miles | KY491181_01 | 5130206 | Logan | 5-PS | WAH | + Nitrate as N) | Unrestricted Cattle Access |
| | | | | | | | | Crop Production (Crop Land or |
| | | | | | | | | Dry Land), Grazing in Riparian |
| | | | | | | | | or Shoreline Zones, Livestock |
| | | | | | | | | (Grazing or Feeding Operations), |
| Day Fauls 0.04a | | | | | | | | Loss of Riparian Habitat, Non- |
| Dry Fork 0.0 to 7.3 | 7.3 miles | KY491181 01 | 5130206 | Logan | 5-PS | WAH | Oxygen, Dissolved | Irrigated Crop Production, Unrestricted Cattle Access |
| 1.3 | 7.3 IIIIes | K1491101_01 | 3130200 | Logan | 3-13 | WAII | 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- |
| Dry Fork 0.0 to | | | | | | | | Irrigated Crop Production, |
| 7.3 | 7.3 miles | KY491181_01 | 5130206 | Logan | 5-PS | WAH | Sedimentation/Siltation | Unrestricted Cattle Access |
| Dry Fork Creek | | | | | | | | |
| 5.8 to 6.6 | 0.8 miles | KY491216_00 | 5130206 | Christian | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | |
| Eddy Creek 13.0 | | | | | | | Nitrate/Nitrite (Nitrite | Agriculture, Rural (Residential |
| to 15.7 | 2.7 miles | KY491550_03 | 5130205 | Caldwell | 5-NS | WAH | + Nitrate as N) | Areas) |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|------------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Eddy Creek 13.0 to 15.7 | 2.7 miles | KY491550_03 | 5130205 | Caldwell | 5-NS | WAH | Phosphorus (Total) | Agriculture, Rural (Residential Areas) |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | 5130206 | Todd | 5-NS | WAH | Cause Unknown | Source Unknown |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | 5130206 | Todd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | 5130206 | Todd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | 5130206 | Todd | 5-PS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Ferguson Creek 1.2 to 2.3 | 1.1 miles | KY492034_02 | 5130205 | Livingston | 5-PS | WAH | Cause Unknown | Source Unknown |
| Kenady Creek 0.0 to 4.0 | 4 miles | KY495638_00 | 5130205 | Trigg | 5-PS | WAH | Cause Unknown | Source Unknown |
| Little River 14.7 to 20.6 | 5.9 miles | KY496838_01 | 5130205 | Trigg | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Little River 14.7 to 20.6 | 5.9 miles | KY496838_01 | 5130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Dam or Impoundment |
| Little River 20.6 to 30.0 | 9.4 miles | KY496838_02 | 5130205 | Trigg | 5-PS | FC | Methylmercury | Source Unknown |
| Little River 20.6 to 30.0 | 9.4 miles | KY496838_02 | 5130205 | Trigg | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture, Municipal Point Source Discharges |
| Little River 20.6 to 30.0 | 9.4 miles | KY496838_02 | 5130205 | Trigg | 5-PS | WAH | Phosphorus (Total) | Agriculture, Municipal Point Source Discharges |
| Little River 20.6 to 30.0 | 9.4 miles | KY496838_02 | 5130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Municipal Point Source Discharges |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--------------------------------|------------|--------------|---------|-----------|---------------------|---------------------|---|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little River 30.0 to 31.4 | 1.4 miles | KY496838_03 | 5130205 | Trigg | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Habitat Modification - other than Hydromodification |
| Little River 30.0 to 31.4 | 1.4 miles | KY496838_03 | 5130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Habitat Modification - other than Hydromodification |
| Little River 31.4 to 45.5 | 14.1 miles | KY496838_04 | 5130205 | 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 | 5130205 | Trigg | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Little River 31.4 to 45.5 | 14.1 miles | KY496838_04 | 5130205 | 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 | 5130205 | 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 | 5130205 | 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 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Livingston Creek 4.6 to 7.0 | 2.4 miles | KY496913_01 | 5130205 | Lyon | 5-PS, 5-PS, 5-PS | WAH, PCR, SCR | рН | Source Unknown |
| Livingston Creek 4.6 to 7.0 | 2.4 miles | KY496913_01 | 5130205 | Lyon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|---------|-----------|------------|-----|--|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Livingston Creek 11.6 to 15.5 | 3.9 miles | KY496913_02 | 5130205 | 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 | 5130205 | Lyon | 5-NS | WAH | Phosphorus (Total) | 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 | 5130205 | Lyon | 5-NS | WAH | Sedimentation/Siltation | 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 | KY497133_00 | 5130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Lower Branch 3.4 to 9.3 | 5.9 miles | KY497263_00 | 5130205 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| Middle Branch of North Fork of Little River 1.3 to 3.9 | 2.6 miles | KY498099_01 | 5130205 | 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 | 5130205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization |
| Muddy Fork 14.5 to 26.6 | 12.1 miles | KY499043_02 | 5130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| North Fork of Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | 5130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|----------|-----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| North Fork of Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | 5130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| North Fork of Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Urban Runoff/Storm Sewers |
| North Fork of Little River 7.0 to 10.9 | 3.9 miles | KY499555_03 | 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 | 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 | 05130205 | Christian | 5-NS | WAH | Sedimentation/ Siltation | Agriculture |
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | 5130205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | 5130205 | 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 | 5130205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | 5130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | 5130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|------------------------------------|------------|--------------|---------|-----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| North Fork of Little River 10.9 | | | | | | | | Agriculture, Loss of Riparian Habitat, Urban Runoff/Storm |
| to 16.2 | 5.3 miles | KY499555_04 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Sewers |
| Pleasant Grove Creek 0.0 to 2.2 | 2.2 miles | KY500832_00 | 5130206 | 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 | 5130206 | Logan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Pleasant Grove Creek 0.0 to 2.2 | 2.2 miles | KY500832_00 | 5130206 | Logan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Managed Pasture Grazing, On- Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Red River 50.8 to 54.5 | 3.7 miles | KY501672_01 | 5130206 | Logan | 5-NS | PCR | Escherichia coli | Agriculture |
| Red River 54.5 to 56.9 | 2.4 miles | KY501672_02 | 5130206 | Logan | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Rural (Residential Areas) |
| Red River 54.5 to 56.9 | 2.4 miles | KY501672_02 | 5130206 | Logan | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Rural (Residential Areas) |
| Red River 57.0 to 65.8 | 8.8 miles | KY501672_03 | 5130206 | Logan | 5-NS | PCR | Escherichia coli | Agriculture |
| Red River 65.8 to 74.3 | 8.5 miles | KY501672_04 | 5130206 | Logan | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Non- Irrigated Crop Production, Streambank Modifications/Destabilization |
| Red River 74.3 to 81.3 | 7 miles | KY501672_05 | 5130206 | Simpson | 5-PS | WAH | Cause Unknown | Source Unknown |
| Sinking Fork 2.2 to 5.6 | 3.4 miles | KY503569_01 | 5130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Agriculture |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|----------------|-----------|---------------------|------|---|--|
| Segment | Total Size | Wateroody 12 | 1100 | County | Cutegory | 0.50 | impairment | Suspected Source(s) |
| Sinking Fork 13.6 to 16.8 | 3.2 miles | KY503569_02 | 5130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Sinking Fork 13.6 to 16.8 | 3.2 miles | KY503569 02 | 5130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Sinking Fork 31.0 to 32.7 | 1.7 miles | KY503569_04 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat |
| Skinframe Creek 0.0 to 4.8 | 4.8 miles | KY503607_00 | 5130205 | Lyon | 5-PS | САН | Cause Unknown | Source Unknown |
| Skinner Creek 0.0 to 5.8 | 5.8 miles | KY503615_01 | 5130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| South Fork of Little River 0.0 to 10.3 | 10.3 miles | KY503934_01 | 5130205 | 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 | 5130205 | Christian | 5-NS | WAH | Other | Source Unknown |
| South Fork of Little River 0.0 to 10.3 | 10.3 miles | KY503934_01 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| South Fork of Little River 10.3 to 20.3 | 10 miles | KY503934_02 | 5130205 | Christian | 5-PS | WAH | Other | Agriculture |
| South Fork of Little River 10.3 to 20.3 | 10 miles | KY503934_02 | 5130205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| South Fork of Little River 10.3 to 20.3 | 10 miles | KY503934_02 | 5130205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|--|------------|---------------------|---------|-----------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork of Little River 21.3 to 26.1 | 4.8 miles | KY503934_03 | 5130205 | Christian | 5-NS | WAH | Cause Unknown | Source Unknown |
| Spring Creek 3.0 to 3.5 | 0.5 miles | KY504129_00 | 5130205 | Lyon | 5-NS | WAH | Cause Unknown | Loss of Riparian Habitat |
| Sugar Creek 1.0 to 1.4 | 0.4 miles | KY504647_00 | 5130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Upper Branch 0.0 to 2.8 | 2.8 miles | KY505861_00 | 5130205 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT to Dry Creek 0.0 to 2.1 | 2.1 miles | KY491170- 2.7_01 | 5130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to Little Whippoorwill Creek 0.1 to 0.6 | 0.5 miles | KY496894- 2.6_01 | 5130206 | 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 |
| UT to Little Whippoorwill Creek 0.1 to 0.6 | 0.5 miles | KY496894- 2.6_01 | 5130206 | 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 | 5130206 | Logan | 5-NS | WAH | Total Kjeldahl Nitrogen (TKN) | Agriculture, Crop Production (Crop Land or Dry Land), Dairies (Outside Milk Parlor Areas), Loss of Riparian Habitat, Non-Irrigated Crop Production |
| West Fork Red River 14.2 to 26.4 | 12.2 miles | KY506445_01 | 5130206 | Christian | 5-PS | САН | Nutrient/Eutrophication Biological Indicators | Agriculture, Rural (Residential Areas) |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------|------------|--------------|----------------|-----------|------------------------|-----|-------------------------|---------------------|
| West Fork Red | | | | | | | | |
| River 14.2 to | | | | | | | | |
| 26.4 | 12.2 miles | KY506445_01 | 5130206 | Christian | 5-PS | CAH | Sedimentation/Siltation | Agriculture |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------|---------------|--------------|----------------|--------|---------------------|-----|--|-----------------------------|
| Hematite Lake | 90 acres | KY494017_00 | 5130205 | Trigg | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Source Unknown |
| Hematite Lake | 90 acres | KY494017_00 | 5130205 | Trigg | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|---------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Bayou de Chien 0.0 to 4.2 | 4.2 miles | KY486489_01 | 8010201 | Fulton | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | 8010201 | Fulton | 5-NS | PCR | Fecal Coliform, Escherichia coli | Source Unknown |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | 8010201 | Fulton | 5-NS | WAH | Iron | Municipal Point Source Discharges |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | 8010201 | Fulton | 5-NS | WAH | Lead | Municipal Point Source Discharges |
| Brush Creek 0.0 to 6.3 | 6.3 miles | KY488071_00 | 8010201 | 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 | 8010201 | Hickman | 5-PS | WAH | Total Dissolved Solids | Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production |
| Brush Creek 0.0 to 8.4 | 8.4 miles | KY488070_00 | 8010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Dredging (e.g., for Navigation Channels) |
| Caldwell Creek 0.0 to 3.0 | 3 miles | KY488592_00 | 8010202 | Graves | 5-NS | WAH | Sedimentation/Siltation | Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat |
| Cane Creek 0.0 to 5.3 | 5.3 miles | KY488768_00 | 8010201 | 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 | 8010201 | 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 | 8010100 | Ballard | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|----------|------------|-----------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | Nutrient/Eutrophication | |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY488771_01 | 8010201 | Hickman | 5-NS | WAH | Biological Indicators | Agriculture |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY488771 01 | 8010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Non- Irrigated Crop Production |
| Cuite creek 0.0 to 4.4 | 4.4 miles | 11400771_01 | 0010201 | THERMAN | 3 110 | VV 2 11 1 | Sedimentation/Situation | |
| Gilbert Creek 1.7 to 3.5 | 1.8 miles | KY492817_00 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Goose Creek 0.0 to 4.4 | 4.4 miles | KY493008_00 | 8010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat |
| Hazel Creek 0.0 to 3.7 | 3.7 miles | KY493948_00 | 8010100 | Ballard | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Hazel Creek 0.0 to 3.7 | 3.7 miles | KY493948_00 | 8010100 | Ballard | 5-NS | WAH | Sedimentation/Siltation | Channelization |
| | | | | | | | | Channelization, Highway/Road/Bridge Runoff (Non- Construction Related), Loss of Riparian |
| Hurricane Creek 0.0 to | | | | | | | | Habitat, Non-Irrigated |
| 3.7 | 3.7 miles | KY494824_01 | 8010201 | Carlisle | 5-PS | WAH | Sedimentation/Siltation | Crop Production |
| Key Creek 0.0 to 1.9 | 1.9 miles | KY495709_01 | 8010201 | Graves | 5-NS | WAH | Cause Unknown | Source Unknown |
| Knob Creek 1.3 to 3.0 | 1.7 miles | KY495836_00 | 8010202 | Graves | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Lick Creek 0.0 to 2.2 | 2.2 miles | KY496478_01 | 8010201 | 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 | 8010201 | Carlisle | 5-PS | WAH | Oil and Grease | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|------------|--------------|----------------|----------|---------------------|-----|---|---|
| Little Bayou de Chein 10.0 to 12.3 | 2.3 miles | KY496606_02 | 8010201 | 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 | 8010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Little Creek 0.0 to 5.3 | 5.3 miles | KY496690_00 | 8010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat |
| Little Cypress Creek 0.0 to 2.0 | 2 miles | KY496699_00 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Source Unknown Agriculture, |
| Little Cypress Creek 0.0 to 3.6 | 3.6 miles | KY496697_01 | 8010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Channelization, Crop Production (Crop Land or Dry Land), Non- Irrigated Crop Production |
| Little Mayfield Creek 0.0 to 10.6 | 10.6 miles | KY496794_01 | 8010201 | 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 | 8010201 | 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 | 8010201 | 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 | 8010201 | Fulton | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| Mayfield Creek 2.2 to 5.5 | 3.3 miles | KY497717_01 | 8010201 | Carlisle | 5-PS | WAH | Cause Unknown | Source Unknown |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | PCR | Escherichia coli | Agriculture |

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|-----------------------------|------------|--------------|---------|-----------|----------------------|---------------------|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Source Unknown |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | WAH | Copper | Source Unknown |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | WAH | Iron | Source Unknown |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | WAH | Lead | Source Unknown |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Mayfield Creek 11.1 to 16.5 | 5.4 miles | KY497717_02 | 8010201 | Carlisle | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Mayfield Creek 16.5 to 36.1 | 19.6 miles | KY497717_06 | 8010201 | McCracken | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Loss of Riparian Habitat |
| Mayfield Creek 36.1 to 38.2 | 2.1 miles | KY497717_07 | 8010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Channelization |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | PCR | Escherichia coli | Source Unknown |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | WAH | Cause Unknown | Channelization, Loss of Riparian Habitat |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | WAH | Copper | Source Unknown |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | WAH | Iron | Source Unknown |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Rural (Residential Areas) |

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|-----------------------------|------------|--------------|---------|----------|------------|-----|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Mayfield Creek 38.2 to 40.8 | 2.6 miles | KY497717_08 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Mayfield Creek 40.8 to 43.7 | 2.9 miles | KY497717_09 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat |
| Mayfield Creek 59.6 to 62.3 | 2.7 miles | KY497717_10 | 8010201 | Calloway | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Mud Creek 0.0 to 7.8 | 7.8 miles | KY498982 00 | 8010201 | Fulton | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production |
| Obion Creek 0.0 to 16.2 | 16.2 miles | KY499767 01 | 8010201 | Hickman | 5-NS | PCR | Escherichia coli | Agriculture |
| Obion Creek 0.0 to 16.2 | 16.2 miles | KY499767_01 | 8010201 | Hickman | 5-NS | WAH | Copper | Source Unknown |
| Obion Creek 0.0 to 16.2 | 16.2 miles | KY499767_01 | 8010201 | Hickman | 5-NS | WAH | Iron | Source Unknown |
| Obion Creek 0.0 to 16.2 | 16.2 miles | KY499767_01 | 8010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Channelization, Impacts from Hydrostructure Flow Regulation/Modificati on, Loss of Riparian Habitat, Non-Irrigated Crop Production |
| Obion Creek 31.9 to 35.2 | 3.3 miles | KY499767_03 | 8010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Upstream/Dowstream Source |
| Obion Creek 39.65 to 43.1 | 3.45 miles | KY499767_04 | 8010201 | Hickman | 5-NS | WAH | Cause Unknown | Channelization, Source Unknown |
| Obion Creek 43.1 to 48.6 | 5.5 miles | KY499767_05 | 8010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Channelization, Crop Production (Crop Land or Dry Land) |
| Obion Creek 48.6 to 54.4 | 5.8 miles | KY499767_06 | 8010201 | Graves | 5-PS | WAH | Cause Unknown | Source Unknown |
| Obion Creek 48.6 to 54.4 | 5.8 miles | KY499767_06 | 8010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture |

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|--|------------|-------------------------------|----------|----------|------------|-----|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Opossum Creek 0.0 to 2.3 | 2.3 miles | KY499959_00 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Channelization |
| Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 | 3 miles | KY497716_01 | 8010201 | Carlisle | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Running Slough 0.0 to 16.2 | 16.2 miles | KY502469_00 | 8010202 | Fulton | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Running Slough 0.0 to 16.2 | 16.2 miles | KY502469_00 | 08010202 | Fulton | 5-PS | WAH | Turbidity | Crop Production (Crop Land or Dry Land) |
| Shawnee Creek 3.2 to 12.4 | 9.2 miles | KY503285_02 | 8010100 | Ballard | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Loss of Riparian Habitat |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Cre ek_Slough_01 | 8010100 | Ballard | 5-NS | WAH | Iron | Source Unknown |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Cre ek_Slough_01 | 8010100 | Ballard | 5-NS | WAH | Lead | Source Unknown |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Cre ek_Slough_01 | 8010100 | 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_Cre ek_Slough_01 | 8010100 | Ballard | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land), Other Recreational Pollution Sources |
| South Fork Bayou de Chien 2.0 to 7.4 | 5.4 miles | KY503904_02 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |

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|---|------------|--------------|---------|----------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork of Bayou de Chien 0.0 to 2.0 | 2 miles | KY503904 01 | 8010201 | 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 | 8010201 | 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/Modificati on, Loss of Riparian Habitat |
| Sugar Creek 0.0 to 1.3 | 1.3 miles | KY504653_00 | 8010201 | Ballard | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Terrapin Creek 2.7 to 6.0 | 3.3 miles | KY505081_01 | 8010202 | Graves | 5-NS | PCR | Escherichia coli | Source Unknown |
| Truman Creek 3.2 to 4.1 | 0.9 miles | KY505525_02 | 8010201 | Carlisle | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat |

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|------------------------|------------|--------------|---------|-----------|------------|-----------|--------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | · | | | | | • | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| LITE D. 1 C. 1 O.O. | | ***** | | | | | | Riparian Habitat, Non- |
| UT to Brush Creek 0.0 | 1.0 | KY488070- | 0010201 | TT' -1 | 5 NG | XX7 A T T | Discours (Traces) | Irrigated Crop |
| to 1.9 | 1.9 miles | 2.6_01 | 8010201 | Hickman | 5-NS | WAH | Phosphorus (Total) | Production |
| | | | | | | | | Agriculture, Crop Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| UT to Brush Creek 0.0 | | KY488070- | | | | | | Irrigated Crop |
| to 1.9 | 1.9 miles | 2.6_01 | 8010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| UT to Brush Creek 0.0 | | KY488070- | | | | | Total Kjeldahl | Riparian Habitat, Non- Irrigated Crop |
| to 1.9 | 1.9 miles | 2.6_01 | 8010201 | Hickman | 5-NS | WAH | Nitrogen (TKN) | Production |
| UT to Mayfield Creek | 1.7 miles | KY497717- | 0010201 | THERITIAN | 3-143 | WAII | Tridogen (TRIT) | Troduction |
| 0.0 to 1.0 | 1 miles | 24.0_00 | 8010201 | McCracken | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| UT to Mayfield Creek | | KY497717- | | | | | | |
| 1.1 to 3.5 | 2.4 miles | 28.6_00 | 8010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| | | | | | | | | Agriculture, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| UT to Mud Creek 0.0 to | | KY498982- | | | | | Nitrate/Nitrite (Nitrite | Riparian Habitat, Non- Irrigated Crop |
| 2.2 | 2.2 miles | 4.5_01 | 8010201 | Fulton | 5-NS | WAH | + Nitrate as N) | Production |
| 2.2 | 2.2 IIIICS | 7.5_01 | 0010201 | 1 uitoii | 2-110 | 44 VIII | T INITIALC as IN) | 1 Toduction |

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| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Agriculture, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| LIT to Mark Const. 0.0 to | | 1/3/400002 | | | | | | Riparian Habitat, Non- |
| UT to Mud Creek 0.0 to | 2 2:1 | KY498982- | 9010201 | F14 | 5 NC | XXZATI | O Discalored | Irrigated Crop |
| 2.2 | 2.2 miles | 4.5_01 | 8010201 | Fulton | 5-NS | WAH | Oxygen, Dissolved | Production |
| | | | | | | | | Agriculture, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land or Dry Land), Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| UT to Mud Creek 0.0 to | | KY498982- | | | | | | Irrigated Crop |
| 2.2 | 2.2 miles | 4.5_01 | 8010201 | Fulton | 5-NS | WAH | Sedimentation/Siltation | Production |
| | 2.2 miles | | 0010201 | Tutton | 3 113 | *************************************** | Seamentation, Situation | Troduction |
| UT to Obion Creek 1.6 to 2.2 | 0.6 miles | KY499767- 16.3_00 | 8010201 | Hickman | 5-NS | WAH | Cause Unknown | Source Unknown |
| | 0.0 iiiies | 10.3_00 | 8010201 | HICKIIIali | 3-113 | WAII | Cause Ulikilowii | Source Clikilowii |
| Wilson Creek 0.0 to | 2.1 miles | VV506000 01 | 9010201 | Continto | 5 NC | DCD | Eachariahia aali | A ami assitssma |
| 2.1 | 2.1 miles | KY506898_01 | 8010201 | Carlisle | 5-NS | PCR | Escherichia coli | Agriculture |
| Wilson Creek 0.0 to | 2.1:1 | VV506000 01 | 9010201 | C1:-1- | 5 NC | 337 A T T | T | Carrage I Indonesia |
| 2.1 | 2.1 miles | KY506898_01 | 8010201 | Carlisle | 5-NS | WAH | Iron | Source Unknown |

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| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Bayou Creek 0.5 to 11.9 | 11.4 miles | KY486491_01 | 5140206 | McCracken | 5-PS | WAH | Copper | Inappropriate Waste Disposal, Industrial Point Source Discharge |
| Bayou Creek 0.5 to 11.9 | 11.4 miles | KY486491_01 | 5140206 | 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 | 5140206 | 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 | 5140206 | McCracken | 5-PS | WAH | Lead | Inappropriate Waste Disposal, Industrial Point Source Discharge |
| Bayou Creek 0.5 to 11.9 | 11.4 miles | KY486491_01 | 5140206 | McCracken | 5-PS | WAH | Mercury | Inappropriate Waste Disposal, Industrial Point Source Discharge |
| Bayou Creek 0.5 to 11.9 | 11.4 miles | KY486491_01 | 5140206 | McCracken | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production |
| Bayou Creek 0.5 to 11.9 | 11.4 miles | KY486491_01 | 5140206 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| Clanton Creek 0.0 to 4.9 | 4.9 miles | KY489524_00 | 5140206 | 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 | 5140206 | Ballard | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Non- Irrigated Crop Production |
| Humphrey Creek 0.0 to 3.7 | 3.7 miles | KY494758_01 | 5140206 | Ballard | 5-PS | WAH | Cause Unknown | Source Unknown |
| Humphrey Creek 3.7 to 11.6 | 7.9 miles | KY494758_02 | 5140206 | Ballard | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Little Bayou Creek 0.0 to 7.2 | 7.2 miles | KY496607_00 | 05140206 | McCracken | 5-PS | WAH | Beta particles and photon emitters | Industrial Point Source Discharge, Inappropriate Waste Disposal |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|---------------|--------------------|----------------|------------|---|--------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Industrial Point Source |
| Little Bayou Creek 0.0 | 7.2 11 | XXX406607 00 | 05140206 |) / G 1 | 5 DG | **** | | Discharge, Inappropriate |
| to 7.2 | 7.2 miles | KY496607_00 | 05140206 | McCracken | 5-PS | WAH | Cause Unknown | Waste Disposal Industrial Point Source |
| Little Bayou Creek 0.0 | | | | | | | | Discharge, Inappropriate |
| to 7.2 | 7.2 miles | KY496607_00 | 05140206 | McCracken | 5-PS | WAH | Copper | Waste Disposal |
| 10 7.2 | 7.2 111165 | 111 190007_00 | 05110200 | 1VIC CITACKOII | 3 1 5 | *************************************** | Соррег | Industrial Point Source |
| Little Bayou Creek 0.0 | | | | | | | | Discharge, Inappropriate |
| to 7.2 | 7.2 miles | KY496607_00 | 05140206 | McCracken | 5-PS | WAH | Gross Alpha | Waste Disposal |
| | | | | | | | | Industrial Point Source |
| Little Bayou Creek 0.0 | 7.2 | 123/40//07 00 | 05140006 | McGasalasa | 5 DC | 337 A 11 | T 1 | Discharge, Inappropriate |
| to 7.2 | 7.2 miles | KY496607_00 | 05140206 | McCracken | 5-PS | WAH | Lead | Waste Disposal Dredging (e.g., for |
| | | | | | | | | Navigation Channels), |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| Massac Creek 4.1 to | | | | | | | | Construction Related), |
| 4.7 | 0.6 miles | KY497670_01 | 5140206 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| | | | | | | | | Agriculture, Crop |
| Middle Fork of Massac | | | #4.40 # 0.5 | | | | Nitrate/Nitrite (Nitrite | Production (Crop Land or |
| Creek 0.0 to 6.4 | 6.4 miles | KY498130_01 | 5140206 | McCracken | 5-PS | WAH | + Nitrate as N) | Dry Land) |
| Middle Fork of Massac | | | | | | | | Agriculture, Crop Production (Crop Land or |
| Creek 0.0 to 6.4 | 6.4 miles | KY498130_01 | 5140206 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Dry Land) |
| Newtons Creek 0.3 to | | | | | | | Nutrient/Eutrophication | |
| 8.2 | 7.9 miles | KY499457_01 | 5140206 | McCracken | 5-PS | WAH | Biological Indicators | Agriculture |
| Shawnee Creek 0.0 to | | | | | | | | Municipal Point Source |
| 3.2 | 3.2 miles | KY503285_01 | 8010100 | Ballard | 5-PS | PCR | Fecal Coliform | Discharges |
| | | | | | | | | Municipal Point Source |
| | | | | | | | | Discharges, Package |
| | | | | | | | | Plant or Other Permitted |
| Shawnee Creek 0.0 to | | | | | | | Nutrient/Eutrophication | Small Flows Discharges, Urban Runoff/Storm |
| 3.2 | 3.2 miles | KY503285_01 | 8010100 | Ballard | 5-NS | WAH | Biological Indicators | Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|----------------|---------|---------------------|-----|---|--|
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | 8010100 | Ballard | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers |
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | 8010100 | Ballard | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Loss of Riparian Habitat, Natural Sources, |

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List Ohio River Basin Lakes

| Waterbody & | T . 10' | W. I I ID | 8-Digit | C . | Assessment | TT | T | G (1G () |
|-----------------|------------|--------------|---------|-----------|------------|-----|-------------------------|------------------------------|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Fish Lake | 27 acres | KY492106_00 | 5140206 | Ballard | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| | | | | | | | | Internal Nutrient Recycling, |
| | | | | | | | | Non-Irrigated Crop |
| | | | | | | | | Production, Rural |
| | | | | | | | Nutrient/Eutrophication | (Residential Areas), Shallow |
| Metropolis Lake | 36 acres | KY498089_00 | 5140206 | McCracken | 5-PS | WAH | Biological Indicators | Lake/Reservoir Basin |
| | | | | | | | | Internal Nutrient Recycling, |
| | | | | | | | | Non-Irrigated Crop |
| | | | | | | | | Production, Rural |
| | | | | | | | | (Residential Areas), Shallow |
| Metropolis Lake | 36 acres | KY498089_00 | 5140206 | McCracken | 5-PS | WAH | Oxygen, Dissolved | Lake/Reservoir Basin |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-----------------------|------------|--------------|---------|-----------|------------|-----|-------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Angle Creek 0.0 to | | | | <u> </u> | <u> </u> | | 1 | , , |
| | 0.8 miles | KY485958_01 | 6040006 | Marshall | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Angle Creek 0.0 to | | | | | | | | |
| 0.8 | 0.8 miles | KY485958_01 | 6040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | On-Site Treatment Systems |
| | | | | | | | | (Septic Systems and Similar |
| | | | | | | | | Decentralized Systems), Package Plant or Other |
| | | | | | | | | Permitted Small Flows |
| Bear Creek 4.0 to 7.2 | 3.2 miles | KY486553_02 | 6040005 | Marshall | 5-NS | PCR | Fecal Coliform | Discharges |
| - | 0.7 miles | KY486666_01 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | , | | | | |
| | | | | | | | Nutrient/Eutrophication | Municipal Point Source |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | 6040006 | Calloway | 5-NS | WAH | Biological Indicators | Discharges |
| | | _ | | | | | Organic Enrichment | |
| | | | | | | | (Sewage) Biological | Municipal Point Source |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | 6040006 | Calloway | 5-NS | WAH | Indicators | Discharges |
| | | | | | | | | |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | 6040006 | Calloway | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Bee Creek 0.7 to 2.0 | 1.3 miles | KY486666_02 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Blizzard Pond | | | | | | | | |
| Drainage Canal 0.0 to | | | | | | | | |
| | 3.7 miles | KY487484_01 | 6040006 | McCracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | On-Site Treatment Systems |
| | | | | | | | | (Septic Systems and Similar |
| | | | | | | | | Decentralized Systems), |
| | | | | | | | | Package Plant or Other |
| | | | | | | | | Permitted Small Flows |
| Blizzard Pond | | | | | | | | Discharges, Rural (Residential Areas), |
| Drainage Canal 0.0 to | | | | | | | Nutrient/Eutrophication | Sand/Gravel/Rock Mining or |
| | 3.7 miles | KY487484 01 | 6040006 | McCracken | 5-PS | WAH | Biological Indicators | Quarries |

| Waterbody & | m . 10' | W. I.I.D | 8-Digit | G . | Assessment | ** | | G 10 () |
|---------------------------|------------|---------------|----------|------------|------------|------|-------------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) Channel Erosion/Incision |
| | | | | | | | | from Upstream |
| | | | | | | | | Hydromodifications, |
| | | | | | | | | Channelization, Loss of |
| Blizzard Pond | | | | | | | | Riparian Habitat, |
| Drainage Canal 0.0 to | | | | | | | | Sand/Gravel/Rock Mining or |
| 3.7 | 3.7 miles | KY487484_01 | 6040006 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Quarries |
| Camp Creek 0.0 to 5.4 | 5.4 miles | KY488685_00 | 6040006 | McCracken | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Camp Creek 0.0 to | | | | | | | | |
| 5.4 | 5.4 miles | KY488685_00 | 6040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Camp Creek 0.0 to | | | | | | | | |
| 5.4 | 5.4 miles | KY488685_00 | 6040006 | McCracken | 5-PS | WAH | Other | Source Unknown |
| | | | | | | | | Site Clearance (Land |
| Champion Creek 0.0 to 1.5 | 1.5 miles | KY489324 00 | 6040006 | McCracken | 5-NS | WAH | Cause Unknown | Development or Redevelopment) |
| Chestnut Creek 0.0 | 1.5 miles | K140/324_00 | 004000 | WicCracken | 3-113 | WAII | Cause Offictiowif | Redevelopment) |
| to 3.0 | 3 miles | KY489424_00 | 6040006 | Marshall | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Chestnut Creek 0.0 | | | | | | | | |
| to 3.0 | 3 miles | KY489424_00 | 6040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| Chestnut Creek 0.0 | | | | | | | | |
| to 3.0 | 3 miles | KY489424_00 | 6040006 | Marshall | 5-PS | WAH | Other | Source Unknown |
| Clarks River 5.0 to | | | | | | | | |
| 13.2 | 8.2 miles | KY489552_01 | 6040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Clarks River 13.2 to | | | | | | | | |
| 20.6 | 7.4 miles | KY489552_02 | 6040006 | McCracken | 5-NS | WAH | Iron | Source Unknown |
| Clarks River 13.2 to | 7.4 1 | 1/3/400550 00 | 6040006 | M.C. 1 | Z NG | **** | T 1 | 0 11 1 |
| 20.6 | 7.4 miles | KY489552_02 | 6040006 | McCracken | 5-NS | WAH | Lead | Source Unknown |
| Clarks River 13.2 to | 7.4 | XX400552 02 | (0.4000) | M. C 1 | 5 DC | DCD | F. d. d. d. d. d. | C Halan |
| 20.6 | 7.4 miles | KY489552_02 | 6040006 | McCracken | 5-PS | PCR | Escherichia coli | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|----------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Clarks River 34.8 to 42.6 | 7.8 miles | KY489552_05 | 6040006 | 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 | 6040006 | Marshall | 5-PS | WAH | Phosphorus (Total) | 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 | 6040006 | Marshall | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization |
| Clarks River 50.9 to 55.6 | 4.7 miles | KY489552_07 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Package Plant or Other Permitted Small Flows Discharges |
| Clarks River 50.9 to 55.6 | 4.7 miles | KY489552_07 | 6040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Urban Runoff/Storm Sewers |
| Clarks River 50.9 to 55.6 | 4.7 miles | KY489552_07 | 6040006 | Calloway | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Clarks River 50.9 to 55.6 | 4.7 miles | KY489552_07 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Urban Runoff/Storm Sewers |
| Clarks River 55.6 to 64.7 | 9.1 miles | KY489552_08 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Agriculture |
| Clarks River 64.7 to 66.8 | 2.1 miles | KY489552_09 | 6040006 | Calloway | 5-PS | PCR | Fecal Coliform | Source Unknown |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|----------|------------|-----|--|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Clarks River 64.7 to 66.8 | 2.1 miles | KY489552_09 | 6040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Clarks River 64.7 to 66.8 | 2.1 miles | KY489552_09 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Clayton Creek 0.75 to 3.3 | 2.55 miles | KY489601_01 | 6040006 | Calloway | 5-PS | WAH | Cause Unknown | Source Unknown |
| Clayton Creek 0.75 to 3.3 | 2.55 miles | KY489601_01 | 6040006 | Calloway | 5-PS | WAH | Phosphorus (Total) | Agriculture |
| Clayton Creek 3.3 to 7.7 | 4.4 miles | KY489601_02 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Clayton Creek 3.3 to 7.7 | 4.4 miles | KY489601_02 | 6040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Rural (Residential Areas) |
| Clayton Creek 3.3 to 7.7 | 4.4 miles | KY489601_02 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Clear Creek 0.7 to 3.1 | 2.4 miles | KY489617_01 | 6040005 | Marshall | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production |
| Clear Creek 0.7 to 3.1 | 2.4 miles | KY489617_01 | 6040005 | Marshall | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| Cypress Creek 0.1 to 6.3 | 6.2 miles | KY490528_01 | 6040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cypress Creek 0.1 to 6.3 | 6.2 miles | KY490528_01 | 6040006 | Marshall | 5-NS | WAH | Iron | Municipal Point Source Discharges, Urban Runoff/Storm Sewers |
| Cypress Creek 6.3 to 7.7 | 1.4 miles | KY490528_02 | 6040006 | Marshall | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |

| Waterbody & | | | 8-Digit | _ | Assessment | | | |
|---------------------------------|------------|--------------|---------|------------|------------|-----|---|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Cypress Creek 6.3 to 7.7 | 1.4 miles | KY490528_02 | 6040006 | Marshall | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Cypress Creek 6.3 to 7.7 | 1.4 miles | KY490528_02 | 6040006 | Marshall | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Source Unknown |
| Cypress Creek 7.7 to 9.7 | 2 miles | KY490528_03 | 6040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| Damon Creek 0.0 to 1.8 | 1.8 miles | KY490545_01 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Animal Feeding Operations (NPS) |
| Duncan Creek 0.0 to 2.5 | 2.5 miles | KY491300_00 | 6040006 | Marshall | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Farley Branch 0.0 to 2.2 | 2.2 miles | KY491983_01 | 6040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Farley Branch 0.0 to 2.2 | 2.2 miles | KY491983_01 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Guess Creek 0.0 to 2.6 | 2.6 miles | KY493458_00 | 6040006 | Livingston | 5-PS | WAH | Cause Unknown | Source Unknown |
| Haskell Branch 1.2 to 4.5 | 3.3 miles | KY493854_01 | 6040006 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Island Creek 0.0 to 5.6 | 5.6 miles | KY495045_01 | 6040006 | McCracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Island Creek 0.0 to 5.6 | 5.6 miles | KY495045_01 | 6040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Island Creek 5.6 to 10.3 | 4.7 miles | KY495045_02 | 6040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Jonathan Creek 7.4 to 10.9 | 3.5 miles | KY495443_01 | 6040005 | Calloway | 5-PS | WAH | Cause Unknown | Source Unknown |
| Little Cypress Creek 0.0 to 3.4 | 3.4 miles | KY496700_01 | 6040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------------------|------------|--------------|----------------|----------|------------------------|---|--|-----------------------------|
| Little Cypress Creek | Total Size | waterbody ID | 1100 | County | Category | Use | Піраппієн | Suspected Source(s) |
| 0.0 to 3.4 | 3.4 miles | KY496700_01 | 6040006 | Marshall | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Little Cypress Creek | | | | | | | | |
| 3.4 to 6.0 | 2.6 miles | KY496700_02 | 6040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| Middle Fork Creek 0.2 to 6.0 | 5.8 miles | KY498118_00 | 6040006 | Marshall | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Middle Fork Creek 0.2 to 6.0 | 5.8 miles | KY498118_00 | 6040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| Middle Fork of Clarks River 0.0 to | | _ | | | | | | |
| 2.7 | 2.7 miles | KY498115_01 | 6040006 | Calloway | 5-NS | PCR | Fecal Coliform | Agriculture |
| Middle Fork of Clarks River 0.0 to | 2.7. '1 | VXV400115 01 | 6040006 | G II | 5 DG | XXAXX | Nutrient/Eutrophication | |
| 2.7 Middle Fork of | 2.7 miles | KY498115_01 | 6040006 | Calloway | 5-PS | WAH | Biological Indicators | Agriculture |
| Clarks River 0.0 to 2.7 | 2.7 miles | KY498115_01 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Middle Fork of | 2.7 Hilles | 111190113_01 | 0010000 | Curioway | 3.13 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sedimentation offaction | rigiteultare |
| Clarks River 2.7 to 4.8 | 2.1 miles | KY498115 02 | 6040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Middle Fork of | | | | , | | | | 6 |
| Clarks River 2.7 to 4.8 | 2.1 miles | KY498115_02 | 6040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Panther Creek 0.0 to 3.0 | 3 miles | KY500155 01 | 6040005 | Graves | 5-NS | PCR | Escherichia coli | Source Unknown |
| Reeves Branch 0.0 to | | | | | | | | |
| 0.3 | 0.3 miles | KY501706_00 | 6040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| Spring Creek 0.0 to 2.0 | 2 miles | KY504124_01 | 6040006 | Graves | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Spring Creek 0.0 to 2.0 | 2 miles | KY504124_01 | 6040006 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|---------------------|------------|--------------|---------|----------|------------|-----|-------------------------|--|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Spring Creek 3.6 to | | | | | | | | |
| 5.4 | 1.8 miles | KY504124_02 | 6040006 | Graves | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Turkey Creek 0.0 to | | | | | | | | |
| 3.4 | 3.4 miles | KY505595_01 | 6040006 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| | | | | | | | | 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 |
| UT to Clarks River | | KY489552- | | | | | Nutrient/Eutrophication | Crop Production, Urban |
| 0.0 to 3.3 | 3.3 miles | 59.9_01 | 6040006 | Calloway | 5-NS | WAH | Biological Indicators | Runoff/St |
| | | | | | | | | Agriculture, Channel |
| | | | | | | | | Erosion/Incision from |
| | | | | | | | | Upstream |
| | | | | | | | | Hydromodifications, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land or |
| | | | | | | | | Dry Land), Impervious |
| | | | | | | | | Surface/Parking Lot Runoff, Municipal (Urbanized High |
| | | | | | | | Organic Enrichment | Density Area), Non-Irrigated |
| UT to Clarks River | | KY489552- | | | | | (Sewage) Biological | Crop Production, Urban |
| 0.0 to 3.3 | 3.3 miles | 59.9_01 | 6040006 | Calloway | 5-NS | WAH | Indicators | Runoff/St |

| Waterbody & | | | 8-Digit | | Assessment | | | |
|-------------------------------|------------|----------------------|----------|-----------|------------|------|-------------------------|---|
| Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Clarks River 0.0 to 3.3 | 3.3 miles | KY489552- 59.9_01 | 6040006 | 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/St |
| | | | | | | | - 78, | 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 |
| UT to Clarks River | | KY489552- | | | | | | Crop Production, Urban |
| 0.0 to 3.3 | 3.3 miles | 59.9_01 | 6040006 | Calloway | 5-NS | WAH | Sedimentation/Siltation | Runoff/St |
| UT to Old Beaver | | ***** | | | | | | |
| Dam Slough 0.0 to | 0.5 | KY499795- | 60.40006 | | # N/G | **** | G 77.1 | |
| 0.5 | 0.5 miles | 0.4_00 | 6040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to UT to | | | | | | | | |
| Tennessee River | | | | | | | | |
| (Kentucky Lake) 0.15 | | KY517033- | | | | | | Off-Road Vehicles, |
| to 0.8 | 0.65 miles | 1.0-47.8_01 | 6040005 | Calloway | 5-NS | WAH | Cause Unknown | Silviculture Harvesting |
| West Fork of Clarks | | | | | | | | Agriculture, Urban |
| River 0.0 to 10.4 | 10.4 miles | KY506426_01 | 6040006 | McCracken | 5-NS | PCR | Escherichia coli | Runoff/Storm Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|----------------|-----------|------------------------|-----|----------------|---------------------|
| West Fork of Clarks River 0.0 to 10.4 | 10.4 miles | KY506426_01 | 6040006 | McCracken | 5-NS | WAH | Iron | Source Unknown |
| West Fork of Clarks River 0.0 to 10.4 | 10.4 miles | KY506426_01 | 6040006 | McCracken | 5-NS | WAH | Lead | Source Unknown |
| West Fork of Clarks River 13.1 to 17.2 | 4.1 miles | KY506426_02 | 6040006 | Graves | 5-NS | PCR | Fecal Coliform | Source Unknown |
| West Fork of Clarks River 20.1 to 28.4 | 8.3 miles | KY506426_04 | 6040006 | Marshall | 5-PS | FC | Methylmercury | Source Unknown |
| West Fork of Clarks River 20.1 to 28.4 | 8.3 miles | KY506426_04 | 6040006 | Marshall | 5-PS | PCR | Fecal Coliform | Source Unknown |
| West Fork of Clarks River (Relict | | | | | | | | |
| Channel) 19.7 to 22.7 | 3 miles | KY506427_02 | 6040006 | Marshall | 5-PS | FC | Methylmercury | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|---------------|--------------|---------|----------|----------------------|---------------------|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Acorn Fork 0.0 to 1.9 | 1.9 miles | KY510210_01 | 5130101 | Knox | 5-NS | WAH | Chloride | Petroleum/Natural Gas Activities |
| | | | | | | | | Highway/Road/Bridge Runoff (Non- Construction Related), Loss of Riparian Habitat, Petroleum/Natural Gas |
| Acorn Fork 0.0 to 1.9 | 1.9 miles | KY510210_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Activities |
| Acorn Fork 0.0 to 1.9 | 1.9 miles | KY510210_01 | 5130101 | Knox | 5-NS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| Bark Camp Creek 0.1 to 3.8 | 3.7 miles | KY510394_01 | 5130101 | Whitley | 5-PS | САН | Cause Unknown | Source Unknown |
| Bark Camp Creek 0.1 to 3.8 | 3.7 miles | KY510394_01 | 5130101 | Whitley | 5-PS | САН | Sedimentation/Siltation | Source Unknown |
| Bear Creek 0.0 to 3.3 | 3.3 miles | KY510462_00 | 5130104 | McCreary | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Sand/Gravel/Rock Mining or Quarries, Surface Mining |
| Beaver Creek 16.2 to 16.6 | 0.4 miles | KY510488_01 | 5130103 | Wayne | 5-PS | WAH | Cause Unknown | Source Unknown |
| Beaver Creek 16.2 to 16.6 | 0.4 miles | KY510488_01 | 5130103 | Wayne | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Beaver Creek 16.2 to 16.6 | 0.4 miles | KY510488_01 | 5130103 | Wayne | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Beaver Creek 16.6 to 34.5 | 17.9 miles | KY510488_02 | 5130103 | Wayne | 5-PS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | 5130101 | Whitley | 5-PS, 5-PS, 5-PS | WAH, PCR, SCR | рН | Surface Mining |
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | 5130101 | Whitley | 5-PS | WAH | Cause Unknown | Surface Mining |

| W | | W 1 1 1 1 | 8-Digit | | Assessment | ** | | |
|---|------------|--------------|---------|---------|------------|-----|------------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | 5130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Agriculture, Highway/Road/Bridge Runoff (Non- Construction Related), Impacts from Hydrostructure Flow Regulation/Modificati on, Livestock (Grazing or Feeding |
| BeeLick Creek 7.5 to | | | | | | | Nitrate/Nitrite (Nitrite | Operations), Loss of |
| 10.9 | 3.4 miles | KY486678_02 | 5130103 | Lincoln | 5-PS | WAH | + Nitrate as N) | Riparian Habitat |
| BeeLick Creek 7.5 to 10.9 | 3.4 miles | KY486678_02 | 5130103 | Lincoln | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Highway/Road/Bridge Runoff (Non- Construction Related), Impacts from Hydrostructure Flow Regulation/Modificati on, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat |
| Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 | 3.2 miles | KY486865_01 | 5130101 | 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 | 5130101 | Bell | 5-PS | WAH | Total Suspended Solids (TSS) | Source Unknown |
| Bens Fork 0.0 to 2.2 | 2.2 miles | KY486872_01 | 5130101 | Bell | 5-PS | WAH | Specific Conductance | Coal Mining |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|--------------|----------|------------|------------|---|----------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Bens Fork 0.0 to 2.2 | 2.2 miles | KY486872_01 | 5130101 | Bell | 5-PS | WAH | Total Dissolved Solids | Coal Mining |
| | | | | | | | | Non-Irrigated Crop |
| | | | | | | | | Production, Site |
| D'. I. 1' C 1 . 0.0 | | | | | | | | Clearance (Land |
| Big Indian Creek 0.0 to 5.6 | 5.6 miles | KY487197_00 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Development or Redevelopment) |
| | 3.0 miles | K146/19/_00 | 3130101 | KIIOX | 3-113 | WAII | Sedifficitiation/Sittation | Redevelopment) |
| Big Renox Creek 0.0 to 5.8 | 5.8 miles | KY487232_00 | 5130103 | Cumberland | 5-PS | WAH | Cause Unknown | Source Unknown |
| 3.0 | 3.6 miles | K1407232_00 | 3130103 | Cumochana | 315 | | Cause Chikhowh | |
| | | | | | 5-NS, 5- | PCR, SCR, | | Impacts from Abandoned Mine |
| Board Branch 0.5 to 1.8 | 1.3 miles | KY487572_01 | 05130101 | Harlan | NS, 5-NS | WAH | pH | Lands (Inactive) |
| Board Branch 0.5 to 1.0 | 1.5 IIIIes | 107372_01 | 03130101 | Tiuriun | 110, 3 110 | *************************************** | pii | Dredge Mining, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Other |
| | | | | | | | | Recreational Pollution |
| Briary Creek 0.0 to 4.4 | 4.4 miles | KY487880_00 | 5130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Sources |
| | | | | | | | | Impacts from |
| | | | | | | | | Abandoned Mine |
| | | | | | | | | Lands (Inactive), Loss of Riparian Habitat, |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | | | | | | | Silviculture |
| | | | | | | | | Harvesting, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destabil |
| | | | | | | | | ization, Surface |
| Brush Creek 0.0 to 3.5 | 3.5 miles | KY488072_00 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Mining |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|---------------|----------|---------|------------|------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | • | | Ĭ | | | • | Loss of Riparian |
| | | | | | | | | Habitat, Surface |
| | | | | | | | | Mining, |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or |
| | | | | | | | | Quarries,Impacts from |
| | | ***** | | | | | | Abandoned Mine |
| Brush Creek 0.0 to 3.5 | 3.5 miles | KY488072_00 | 05130101 | Knox | 5-NS | WAH | Turbidity | Lands (Inactive) |
| Buck Creek 45.6 to | | | | | | | | |
| 53.0 | 7.4 miles | KY511000_05 | 5130103 | Pulaski | 5-PS | FC | Methylmercury | Source Unknown |
| | | | | | | | | Channelization, |
| | | | | | | | | Legacy Coal |
| D 11 D 00 1 2 7 | 2.7. 11 | TXXX400050 01 | 5120101 | *** | # DG | **** | 0 1' (0'1) | Extraction, Loss of |
| Bull Run 0.0 to 3.7 | 3.7 miles | KY488359_01 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Riparian Habitat |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- Construction Related), |
| | | | | | | | | Impacts from |
| | | | | | | | | Hydrostructure Flow |
| | | | | | | | | Regulation/Modificati |
| | | | | | | | | on, Loss of Riparian |
| | | | | | | | | Habitat, Residential |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY511184_01 | 5130101 | Whitley | 5-NS | WAH | Oxygen, Dissolved | Districts |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Impacts from |
| | | | | | | | | Hydrostructure Flow |
| | | | | | | | | Regulation/Modificati |
| | | | | | | | | on, Loss of Riparian |
| | | T/X/511104 C1 | 5120101 | ****** | 5 210 | **** | 0 11 | Habitat, Residential |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY511184_01 | 5130101 | Whitley | 5-NS | WAH | Sedimentation/Siltation | Districts |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|---|---------|----------|------------|-----|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Cannon Creek 0.0 to | | *************************************** | 5420404 | . | 5.00 | | | Dredging (e.g., for Navigation Channels), Loss of Riparian |
| 1.8 | 1.8 miles | KY488885_01 | 5130101 | Bell | 5-PS | WAH | Sedimentation/Siltation | Habitat |
| Clear Fork 17.0 to 19.4 | 2.4 miles | KY511399_02 | 5130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Surface Mining |
| Clear Fork 17.0 to 19.4 | 2.4 miles | KY511399_02 | 5130101 | Whitley | 5-PS | WAH | Specific Conductance | Loss of Riparian Habitat, Surface Mining |
| Clover Fork 9.2 to 15.5 | 6.3 miles | KY511423_02 | 5130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Source Unknown, Surface Mining |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | 5130101 | 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 | 5130101 | 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 | 5130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities, Surface Mining |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | 5130101 | Harlan | 5-PS | WAH | Specific Conductance | Sewage Discharges in Unsewered Areas, Surface Mining |
| Clover Fork 18.2 to 28.2 | 10 miles | KY511423_04 | 5130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Source Unknown, Surface Mining |
| Clover Fork 28.2 to 28.9 | 0.7 miles | KY511423_05 | 5130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Coal Mining |
| Clover Fork 28.9 to 33.8 | 4.9 miles | KY511423_06 | 5130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Source Unknown, Surface Mining |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|---|----------------|------------|------------|-----------|-------------------------|------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Municipal Point |
| | | | | | | | | Source Discharges, |
| Cloverlick Creek 0.0 to | | | | | | | Total Suspended Solids | Urban Runoff/Storm |
| 5.0 | 5 miles | KY511427_01 | 5130101 | Harlan | 5-PS | WAH | (TSS) | Sewers |
| Colliers Creek 0 .0 to | | | | | | | | |
| 4.1 | 4.1 miles | KY485675_01 | 5130101 | Letcher | 5-PS | WAH | Specific Conductance | Coal Mining |
| Colliers Creek 0.0 to | | | | | | | | |
| 4.1 | 4.1 miles | KY485675_01 | 5130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | Channel |
| | | | | | | | | Erosion/Incision from |
| | | | | | | | | Upstream |
| | | | | | | | | Hydromodifications, |
| | | | | | | | | Source Unknown, |
| | | | | | | | | Streambank |
| | | *************************************** | 5120101 | | - DG | **** | G 11 (G11) | Modifications/Destabil |
| Craig Creek 5.8 to 6.8 | 1 miles | KY511617_01 | 5130101 | Laurel | 5-PS | WAH | Sedimentation/Siltation | ization |
| | | | | | | | | Impacts from |
| Compa Complete 1 4 to 2.0 | 0.6:1 | VV400202 01 | 5120101 | II.a.da.a | 5 DC | 337 A T T | Carra Halmann | Abandoned Mine |
| Crane Creek 1.4 to 2.0 | 0.6 miles | KY490282_01 | 5130101 | Harlan | 5-PS | WAH | Cause Unknown | Lands (Inactive) |
| Cranks Creek 1.6 to 2.4 | 0.8 miles | KY490293_01 | 5130101 | Harlan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Claires Cleek 1.0 to 2.4 | 0.6 IIIIes | K1490293_01 | 3130101 | Панан | J-F3 | | Cause Offkilowii | Source Ulikilowii |
| | | | | | | WAH, | | |
| Crocus Creek 4.9 to | | | | | 5-PS, 5- | PCR, | | |
| 14.0 | 9.1 miles | KY490359_02 | 5130103 | Cumberland | NS, 5-NS | SCR | рН | Source Unknown |
| Crocus Creek 4.9 to | | | | | | | | Agriculture, Mine |
| 14.0 | 9.1 miles | KY490359_02 | 5130103 | Cumberland | 5-PS | WAH | Sedimentation/Siltation | Tailings |
| Crocus Creek 14.0 to | 3.15 | | | | | | | |
| 17.15 | miles | KY490359_03 | 5130103 | Adair | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Cumberland River | 14.75 | | | | | | | |
| 554.65 to 569.4 | miles | KY517018_03 | 5130101 | Whitley | 5-PS | PCR | Escherichia coli | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--|---------------|---------------|----------------|------------|---------------------|-----|-------------------------|--|
| Cumberland River 569.4 to 575.1 | 5.7 miles | KY517018_03.5 | 5130101 | Whitley | 5-PS | WAH | Specific Conductance | Surface Mining |
| Cumberland River 660.1 to 666.8 | 6.7 miles | KY517018_08 | 5130101 | Harlan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Cumberland River 660.1 to 666.8 | 6.7 miles | KY517018_08 | 5130101 | Harlan | 5-PS | WAH | Iron | Source Unknown |
| Cumberland River 671.9 to 682.3 | 10.4 miles | KY517018_09 | 5130101 | Harlan | 5-PS | WAH | Specific Conductance | Surface Mining |
| East Fork of Lynn Camp Creek 0.0 to 4.5 | 4.5 miles | KY511990_00 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment) |
| Elk Spring Creek 0.0 to 7.8 | 7.8 miles | KY491678_00 | 5130103 | Wayne | 5-NS | WAH | Cause Unknown | Source Unknown |
| Ewing Creek 0.1 to 2.9 | 2.8 miles | KY491860_00 | 5130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Ferris Fork Creek 0.0 to 1.2 | 1.2 miles | KY492053_01 | 5130103 | Cumberland | 5-NS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat |
| Gilmore Creek 0.0 to 5.9 | 5.9 miles | KY492855_00 | 5130103 | Lincoln | 5-PS | WAH | Sedimentation/Siltation | Channelization |
| Goodin Creek 2.1 to 2.6 | 0.5 miles | KY492978_00 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Harris Branch 0.25 to 0.6 | 0.35 miles | KY493796_01 | 5130101 | Harlan | 5-PS | WAH | Specific Conductance | Impacts from Abandoned Mine Lands (Inactive) |
| Hatchell Branch 0.0 to 1.0 | 1 miles | KY512583_00 | 5130101 | McCreary | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities |
| Hazel Patch Creek 0.0 to 1.8 | 1.8 miles | KY512623_01 | 5130102 | Laurel | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Indian Creek 0.0 to 4.2 | 4.2 miles | KY494919_00 | 5130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Dredge Mining |

| | | | 8-Digit | | Assessment | | | |
|---|------------|---------------|----------|-----------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Indian Creek 0.0 to 4.5 | 4.5 miles | KY512903_01 | 5130102 | Jackson | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| | | | | | | | | Silviculture |
| | | | | | | | | Harvesting, Site Clearance (Land |
| | | | | | | | | Development or |
| T D 1 00. | | | | | | | | Redevelopment), |
| Jennys Branch 0.0 to 6.0 | 6 miles | KY512993_00 | 5130101 | McCreary | 5-PS | WAH | Sedimentation/Siltation | Urban Runoff/Storm Sewers |
| 0.0 | Offines | K1312993_00 | 3130101 | Wiccicary | 3-13 | WAII | Scamentation/Sittation | Sewers |
| Kilburn Fork 0.9 to 6.2 | 5.3 miles | KY513138_02 | 5130101 | McCreary | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | Package Plant or Other |
| | 1.45 | | | | | | | Permitted Small Flows Discharges, Source |
| Laurel Creek 3.65 to 5.1 | miles | KY513239_02 | 5130101 | McCreary | 5-PS | CAH | Cause Unknown | Unknown |
| Education Crock 3.03 to 3.1 | miles | 111010207_02 | 5150101 | incoreary | 313 | C/ 111 | Cuase Chanown | Package Plant or Other |
| | | | | | | | | Permitted Small Flows |
| I 1 0 1 2 65 4 5 1 | 1.45 | 1/3/512220 02 | 5120101 | McGassa | 5 DC | CAIL | G . 1' | Discharges, Source |
| Laurel Creek 3.65 to 5.1 | miles | KY513239_02 | 5130101 | McCreary | 5-PS | CAH | Sedimentation/Siltation | Unknown |
| Laurel Fork of Clear Fork 4.25 to 10.3 | 6.05 miles | KY496040_01 | 5130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities |
| 101K 4.23 to 10.3 | iiiies | K1490040_01 | 3130101 | wintiey | 3-13 | WAII | Sedimentation/Sittation | Non-Irrigated Crop |
| Laurel Fork of Clear | | | | | | | | Production, Woodlot |
| Fork 10.3 to 13.8 | 3.5 miles | KY496040_02 | 5130101 | Whitley | 5-NS | WAH | Sedimentation/Siltation | Site Clearance |
| | | | | | | | | Dam or Impoundment, |
| Laurel River 0.9 to 2.2 | 1.3 miles | KY513263_01 | 5130101 | Laurel | 5-NS | CAH | Temperature, water | Upstream Source |
| | | | | | | | | |
| Laurel River 23.7 to | 1.2 | WW512262 02 | 5120101 | I1 | 5 DC | 337 A T F | Nutrient/Eutrophication | C II-1 |
| 24.9 | 1.2 miles | KY513263_02 | 5130101 | Laurel | 5-PS | WAH | Biological Indicators | Source Unknown |
| Laurel River 26.3 to 33.7 | 7.4 miles | KY513263_03 | 5130101 | Laurel | 5-NS | WAH | Cause Unknown | Source Unknown |
| Laurel River 26.3 to | | | | | | | | |
| 33.7 | 7.4 miles | KY513263_03 | 05130101 | Laurel | 5-NS | WAH | Iron | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|--|----------------------------|----------------------------|--------------------|-----------------|--------------|-----|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| waterbody & Beginent | 1 Ottal Size | waterbody ib | nee | County | cutegory | CSC | Impunment | Suspected Source(s) |
| Laurel River 33.7 to 39.8 | 6.1 miles | KY513263_04 | 5130101 | Laurel | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Rural (Residential Areas) |
| Laurel River 33.7 to 39.8 | 6.1 miles | KY513263_04 | 5130101 | Laurel | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Legacy Coal Extraction |
| Left Fork of Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | 5130101 | 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 | 5130101 | 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 | 05130101 | Bell | 5-PS | WAH | Turbidity | Coal Mining, Crop Production (Crop Land or Dry Land) |
| Lewis Creek 0.0 to 3.5 | 3.5 miles | KY496324_01 | 5130103 | 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 | 5130103 | 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 | 5130103 | Cumberland | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Municipal (Urbanized High Density Area) |
| Lick Fork 0.0 to 1.3 | 1.3 miles | KY513401_01 | 5130101 | Harlan | 5-PS | САН | Sedimentation/Siltation | Surface Mining |
| Lick Fork 0.0 to 1.3 | 1.3 miles | KY513401_01 | 5130101 | Harlan | 5-PS | CAH | Specific Conductance | Surface Mining |
| Line Creek 2.3 to 5.5 Little Clear Creek 0.0 to 10.9 | 3.2 miles 10.9 miles | KY513433_01 KY496670_01 | 5130102 5130101 | Pulaski Bell | 5-PS 5-NS | WAH | Cause Unknown Sedimentation/Siltation | Source Unknown Legacy Coal Extraction |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|---------|------------|---------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Clear Creek 0.0 | 10.9 | | | | | | | Legacy Coal |
| to 10.9 | miles | KY496670_01 | 5130101 | Bell | 5-NS | WAH | Specific Conductance | Extraction |
| Little Clear Creek 0.0 | 10.9 | | | | | | | Legacy Coal |
| to 10.9 | miles | KY496670_01 | 5130101 | Bell | 5-NS | WAH | Total Dissolved Solids | Extraction |
| Little Laurel River 0.0 | | | | | | | | |
| to 8.4 | 8.4 miles | KY513497_01 | 5130101 | Laurel | 5-PS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Agriculture, Non-Point |
| Little Laurel River 0.0 | | | | | | | Nutrient/Eutrophication | Source, Upstream |
| to 8.4 | 8.4 miles | KY513497_01 | 5130101 | Laurel | 5-PS | WAH | Biological Indicators | Source |
| | | | | | | | 0 | Municipal (Urbanized |
| Little Laurel River 0.0 | | | | | | | Organic Enrichment (Sewage) Biological | High Density Area), Non-Point Source, |
| to 8.4 | 8.4 miles | KY513497 01 | 5130101 | Laurel | 5-PS | WAH | Indicators | Upstream Source |
| 10 0.4 | 0.4 IIIICS | K1313477_01 | 3130101 | Laurer | 3-13 | WAII | marcators | Agriculture, Non-Point |
| | | | | | | | | Source, Source |
| Little Laurel River 0.0 | | | | | | | | Unknown, Upstream |
| to 8.4 | 8.4 miles | KY513497_01 | 5130101 | Laurel | 5-PS | WAH | Sedimentation/Siltation | Source |
| | | | | | | | | Combined Sewer |
| | | | | | | | | Overflows, Municipal |
| Little Laurel River 8.4 | | ******** | 5120101 | | 5 270 | D.CD | F 10 110 | Point Source |
| to 12.7 | 4.3 miles | KY513497_02 | 5130101 | Laurel | 5-NS | PCR | Fecal Coliform | Discharges |
| | | | | | | | | Combined Sewer Overflows, Municipal |
| Little Laurel River 8.4 | | | | | | | Nutrient/Eutrophication | Point Source |
| to 12.7 | 4.3 miles | KY513497_02 | 5130101 | Laurel | 5-NS | WAH | Biological Indicators | Discharges |
| 10 12.7 | 1.5 HHCs | 111313171_02 | 3130101 | Eucitei | 3 1 (5 | ******* | Biological maleators | Combined Sewer |
| | | | | | | | Organic Enrichment | Overflows, Municipal |
| Little Laurel River 8.4 | | | | | | | (Sewage) Biological | Point Source |
| to 12.7 | 4.3 miles | KY513497_02 | 5130101 | Laurel | 5-NS | WAH | Indicators | Discharges |
| | | | | | | | | Combined Sewer |
| | | | | | | | | Overflows, Municipal |
| Little Laurel River 8.4 | 4.2 :1 | 1/3/510405 00 | 5120101 | T 1 | 5 NG | *** | DI 1 (T) 1 | Point Source |
| to 12.7 | 4.3 miles | KY513497_02 | 5130101 | Laurel | 5-NS | WAH | Phosphorus (Total) | Discharges |

| | | | 8-Digit | | Assessment | | | |
|----------------------------------|------------|--------------|---------|--------|----------------------|---------------------|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Laurel River 8.4 to 12.7 | 4.3 miles | KY513497_02 | 5130101 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment) |
| Little Laurel River 12.7 to 14.8 | 2.1 miles | KY513497_03 | 5130101 | Laurel | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Little Laurel River 12.7 to 14.8 | 2.1 miles | KY513497_03 | 5130101 | 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 | 5130101 | 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 | 5130101 | Laurel | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Little Poplar Creek 0.0 to 2.8 | 2.8 miles | KY496830 00 | 5130101 | 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 | 5130101 | 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 | 5130102 | Laurel | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Legacy Coal Extraction |
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | 5130102 | Laurel | 5-NS | WAH | Iron | Legacy Coal Extraction |
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | 5130102 | Laurel | 5-NS | WAH | Manganese | Legacy Coal Extraction |

| | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|---------|--------|------------|------|-------------------------|---------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Raccoon Creek | | | | | | | | Legacy Coal |
| 0.0 to 7.7 | 7.7 miles | KY513514_01 | 5130102 | Laurel | 5-NS | WAH | Total Dissolved Solids | Extraction |
| | | | | | | | | Coal Mining |
| Little South Fork 0.0 to | | | | | | | | (Subsurface), Surface |
| 4.4 | 4.4 miles | KY513527_00 | 5130104 | Wayne | 5-PS | WAH | Sedimentation/Siltation | Mining |
| Lawren Carra Carrata 0.04 | 3.41 | | | | | | | Source Unknown, Urban Runoff/Storm |
| Lynn Camp Creek 0.04 to 3.45 | miles | KY513739_01 | 5130101 | Laurel | 5-NS | PCR | Fecal Coliform | Sewers |
| 10 3.43 | illies | K1313739_01 | 3130101 | Laurer | 3-113 | TCK | recai Comorni | Municipal Point |
| | | | | | | | | Source Discharges, |
| | | | | | | | | Package Plant or Other |
| | | | | | | | | Permitted Small Flows |
| Lynn Camp Creek 0.04 | 3.41 | | | | | | Nutrient/Eutrophication | Discharges, Urban |
| to 3.45 | miles | KY513739_01 | 5130101 | Laurel | 5-NS | WAH | Biological Indicators | Runoff/Storm Sewers |
| | | | | | | | | |
| | | | | | | | | Other Spill Related |
| | 2.41 | | | | | | | Impacts, Source |
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | 5130101 | Laurel | 5-NS | WAH | Oil and Grease | Unknown, Urban Runoff/Storm Sewers |
| 10 3.43 | illies | K1313739_01 | 3130101 | Laurer | 3-113 | WAII | On and Orease | Municipal Point |
| | | | | | | | | Source Discharges, |
| | | | | | | | | Package Plant or Other |
| | | | | | | | Organic Enrichment | Permitted Small Flows |
| Lynn Camp Creek 0.04 | 3.41 | | | | | | (Sewage) Biological | Discharges, Urban |
| to 3.45 | miles | KY513739_01 | 5130101 | Laurel | 5-NS | WAH | Indicators | Runoff/Storm Sewers |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Other Spill Related |
| Lawren Carren Create 0.04 | 2.41 | | | | | | T-4-1 C 4-4 C-1'4 | Impacts, Source |
| Lynn Camp Creek 0.04 | 3.41 | VV512720 01 | 5120101 | Laumal | 5 NC | WAIT | Total Suspended Solids | Unknown, Urban |
| to 3.45 | miles | KY513739_01 | 5130101 | Laurel | 5-NS | WAH | (TSS) | Runoff/Storm Sewers |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|---------------|--------------|---------|------------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Lynn Camp Creek 4.5 to 10.5 | 6 miles | KY513739_02 | 5130101 | 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 | | | | , | | | | Highway/Road/Bridge Runoff (Non- Construction Related), Managed Pasture Grazing, Non-Irrigated Crop Production, Site Clearance (Land Development or |
| to 10.5 | 6 miles | KY513739_02 | 5130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Redevelopment) |
| Marrowbone Creek 0.0 to 2.8 | 2.8 miles | KY497560_01 | 5130103 | Cumberland | 5-PS | WAH | Cause Unknown | Source Unknown |
| Marsh Creek 13.5 to 16.5 | 3 miles | KY513798_03 | 5130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Silviculture Activities |
| Marsh Creek 19.0 to 24.1 | 5.1 miles | KY513798_04 | 5130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Coal Mining |
| Martins Fork 11.8 to 17.45 | 5.65 miles | KY497628_02 | 5130101 | Harlan | 5-NS | WAH | Cause Unknown | Source Unknown |
| Martins Fork 11.8 to 17.45 | 5.65 miles | KY497628_02 | 5130101 | Harlan | 5-NS | WAH | Temperature, water | Dam or Impoundment, Upstream Source |
| Martins Fork 19.4 to 28.85 | 9.45 miles | KY497628_03 | 5130101 | Harlan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Meadow Creek 0.0 to 7.4 | 7.4 miles | KY497981_00 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production, Surface Mining, Unrestricted Cattle Access |

| | | | 8-Digit | | Assessment | | | |
|---|---------------|--------------|---------|----------|----------------------|---------------------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Middle Fork of Beaver Creek 0.0 to 2.3 | 2.3 miles | KY513923_01 | 5130103 | McCreary | 5-PS, 5- NS, 5-NS | CAH, PCR, SCR | рН | Impacts from Abandoned Mine Lands (Inactive) |
| Middle Fork of Beaver Creek 0.0 to 2.3 | 2.3 miles | KY513923_01 | 5130103 | McCreary | 5-PS | САН | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive) |
| Middle Fork of Richland Creek 0.0 to 1.2 | 1.2 miles | KY498135_00 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Highways, Roads, Bridges, Infrastructure (New Construction), Site Clearance (Land Development or Redevelopment), Surface Mining |
| Mitchell Creek 0.0 to 3.8 | 3.8 miles | KY514033_01 | 5130102 | Laurel | 5-NS | WAH | Cause Unknown | Non-Point Source, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers |
| Mud Creek of Clear Fork 0.0 to 5.2 | 5.2 miles | KY514128_00 | 5130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Highways, Roads, Bridges, Infrastructure (New Construction), Non-Irrigated Crop Production, Site Clearance (Land Development or Redevelopment) |
| Pitman Creek 4.8 to 5.95 | 1.15 miles | KY514627_01 | 5130103 | Pulaski | 5-PS | PCR | Escherichia coli | Municipal Point Source Discharges |
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | 5130102 | Jackson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |

| | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|---------|------------|------------|------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | Organic Enrichment | Maniainal Daint |
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | 5130102 | Jackson | 5-PS | WAH | (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | 5130102 | Jackson | 5-PS | WAH | Oxygen, Dissolved | Agriculture, Loss of Riparian Habitat |
| Poor Fork of Cumberland River 14.9 to 16.3 | 1.4 miles | KY514707_02 | 5130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Rural (Residential Areas), Site Clearance (Land Development or Redevelopment) |
| Powder Mill Creek 0.0 to 4.9 | 4.9 miles | KY514748_01 | 5130102 | Laurel | 5-PS | WAH | Cause Unknown | Non-Point Source |
| 10 4.9 | 4.9 miles | K1314740_01 | 3130102 | Laurer | 3-13 | WAII | Cause Olikilowii | Non-Irrigated Crop Production, Silviculture Activities, |
| Raccoon Creek 0.0 to 2.7 | 2.7 miles | KY514818_00 | 5130102 | Laurel | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Unrestricted Cattle Access |
| Raleigh Fork 0.0 to 1.1 | 1.1 miles | KY501540_01 | 5130101 | Letcher | 5-PS | WAH | Specific Conductance | Coal Mining |
| Raleigh Fork 0.0 to 1.1 | 1.1 miles | KY501540_01 | 5130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Coal Mining |
| | | | | | | | Nutrient/Eutrophication | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_01 | 5130102 | Rockcastle | 5-PS | WAH | Biological Indicators | Discharges |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|------------|------------|---------|--|----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | Organic Enrichment | Plant or Other |
| D 6 G 1 00 21 | 2.1 '1 | 1737714000 01 | 5120102 | D 1 .1 | 7 DC | *** | (Sewage) Biological | Permitted Small Flows |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_01 | 5130102 | Rockcastle | 5-PS | WAH | Indicators | Discharges |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than Hydromodification, |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Silviculture |
| | | | | | | | | Activities, Streambank |
| | | | | | | | | Modifications/Destabil |
| | | | | | | | | ization, Urban |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_01 | 5130102 | Rockcastle | 5-PS | WAH | Sedimentation/Siltation | Runoff/Storm Sewers |
| Richland Creek 0.0 to | | | | | | | | Coal Mining, Legacy |
| 6.3 | 6.3 miles | KY514915_01 | 5130101 | Knox | 5-NS | WAH | Iron | Coal Extraction |
| 0.5 | 0.5 111105 | 111311313_01 | 3130101 | THIOA | 3 1 (5 | ******* | Hon | Cour Extraction |
| Richland Creek 0.0 to | | | | | | | Notesia at/Costan alsi anti au | Ulula a a Dana a CC/C4 a maa |
| 6.3 | 6.3 miles | VV514015 01 | 5130101 | Knox | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Urban Runoff/Storm Sewers |
| 0.3 | 0.5 IIIIes | KY514915_01 | 3130101 | KIIOX | 3-113 | WAI | biological ilidicators | |
| | | | | | | | | Coal Mining, Legacy |
| Richland Creek 0.0 to | | | | | | | | Coal Extraction, Urban |
| 6.3 | 6.3 miles | KY514915_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Runoff/Storm Sewers |
| | | | | | | WAH, | | Acid Mine Drainage, |
| Roaring Paunch Creek | | | | | 5-NS, 5- | PCR, | | Legacy Coal |
| 7.8 to 15.6 | 7.8 miles | KY514993_02 | 5130101 | McCreary | NS, 5-NS | SCR | pН | Extraction |
| Rock Creek 0.0 to 4.3 | 4.3 miles | KY515024_01 | 5130104 | McCreary | 5-NS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | |
| Rock Creek 16.5 to 21.5 | 5 miles | KY515024_03 | 5130104 | McCreary | 5-PS | FC | Methylmercury | Source Unknown |
| Roundstone Creek 0.0 to | 10.9 | | | | | | | |
| 10.9 | miles | KY515136_01 | 5130102 | Rockcastle | 5-PS | PCR | Escherichia coli | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|-------------------------------|------------|--------------|----------|------------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Roundstone Creek 17.1 to 23.9 | 6.8 miles | KY515136_03 | 5130102 | 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 | 5130102 | 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 | 5130102 | Rockcastle | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Non- Irrigated Crop Production |
| Ryans Creek 0.0 to 5.3 | 5.3 miles | KY515156_00 | 05130101 | McCreary | 5-NS | WAH | Total Suspended Solids (TSS) | Surface mining |
| Sam Branch 0.0 to 0.5 | 0.5 miles | KY502871_00 | 5130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Sims Fork 0.0 to 5.2 | 5.2 miles | KY515430_00 | 5130101 | Bell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Sims Fork 0.0 to 5.2 | 5.2 miles | KY515430_00 | 5130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Sinking Creek 13.35 to 17.65 | 4.3 miles | KY515433_03 | 5130102 | Laurel | 5-NS | WAH | Cause Unknown | Non-Point Source, Urban Runoff/Storm Sewers |
| Skegg Creek 0.0 to 3.3 | 3.3 miles | KY515451_01 | 5130102 | Rockcastle | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Skegg Creek 0.0 to 3.3 | 3.3 miles | KY515451_01 | 5130102 | Rockcastle | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|---------|---------|----------------------|---------------------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork of Colliers Creek 0.0 to 1.9 | 1.9 miles | KY485700_01 | 5130101 | 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 | 5130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Coal Mining, Legacy Coal Extraction |
| South Fork of Rockcastle River 21.2 to 29.1 | 7.9 miles | VV515549 02 | 5130102 | Laurel | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Streambank Modifications/Destabil ization, Surface Mining |
| 10 29.1 | 7.9 miles | KY515548_02 | 3130102 | Laurei | 3-NS | WAH | Biological indicators | Loss of Riparian |
| South Fork of Rockcastle River 21.2 to 29.1 | 7.9 miles | KY515548_02 | 5130102 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Habitat, Non-Irrigated Crop Production, Site Clearance (Land Development or Redevelopment), Streambank Modifications/Destabil ization, Surface Mining Silviculture |
| Stevenson Branch 0.0 to 1.9 | 1.9 miles | KY504371_00 | 5130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Harvesting, Surface Mining |
| Stinking Creek 0.0 to 2.1 | 2.1 miles | KY515716_01 | 5130101 | Knox | 5-NS | WAH | Oil and Grease | Petroleum/Natural Gas Production Activities (Permitted), Source Unknown |
| Stinking Creek 0.0 to 2.1 | 2.1 miles | KY515716_01 | 5130101 | Knox | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Impacts from Abandoned Mine Lands (Inactive), Surface Mining |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|--------------|---------|--------|------------|------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | , , | | | Channelization, Non- Irrigated Crop Production, Petroleum/Natural Gas |
| Stinking Creek 0.0 to 2.1 | 2.1 miles | KY515716_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Activities, Surface Mining |
| | 2.1 iiiies | K1313/10_01 | 3130101 | Kilox | 3-113 | WAII | Sedimentation/Sintation | Petroleum/Natural Gas |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | 5130101 | Knox | 5-PS | WAH | Chloride | Activities Activities |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | 5130101 | 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 | 5130101 | Knox | 5-PS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| Stoney Fork 0.0 to 2.3 | 2.3 miles | KY515733_00 | 5130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Coal Mining (Subsurface), Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Streambank Modifications/Destabil ization, Surface Mining, Woodlot Site Clearance |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|----------|---------|------------|------|-------------------------|-------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/destabili |
| | | | | | | | | zation, Coal Mining |
| | | | | | | | | (Subsurface), Impacts |
| | | | | | | | | from Abandoned Mine |
| | | | | | | | | Lands (Inactive), Loss |
| | | | | | | | | of Riparian Habitat, |
| Stoney Fork 0.0 to 2.3 | 2.3 miles | KY515733_00 | 05130101 | Bell | 5-NS | WAH | Turbidity | Surface Mining |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Streambank |
| | | | | | | | | Modifications/Destabil |
| | | | | | | | | ization, Woodlot Site |
| Stony Fork 0.0 to 5.3 | 5.3 miles | KY504506_00 | 5130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Clearance |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Streambank |
| | | | | | | | | Modifications/destabili |
| | | | | | | | | zation, Woodlot Site |
| Stony Fork 0.0 to 5.3 | 5.3 miles | KY504506_00 | 05130101 | Bell | 5-NS | WAH | Turbidity | Clearance |
| | | | | | | | | Channel |
| | | | | | | | | Erosion/Incision from |
| | | | | | | | | Upstream |
| | | | | | | | | Hydromodifications, |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Rural |
| Straight Creek 1.7 to | 21.6 | | | | | | | (Residential Areas), |
| 23.3 | miles | KY515746_02 | 5130101 | Bell | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Straight Creek 1.7 to | 21.6 | | | | | | | |
| 23.3 | miles | KY515746_02 | 5130101 | Bell | 5-PS | WAH | Specific Conductance | Surface Mining |
| | | | | | | WAH, | | |
| Sugar Camp Branch 0.0 | | | | | 5-NS, 5- | PCR, | | |
| to 1.4 | 1.4 miles | KY515781_01 | 5130102 | Pulaski | NS, 5-NS | SCR | pН | Source Unknown |
| UT to Acorn Fork 0.0 to | 0.25 | KY510210- | | | | | | Petroleum/Natural Gas |
| 0.25 | miles | 1.9_01 | 5130101 | Knox | 5-NS | WAH | Chloride | Activities |

| | | | 8-Digit | | Assessment | | | |
|--------------------------------|------------|---------------|---------|----------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Loss of Riparian |
| TITE (A E 1 0 0) | 0.25 | 1737510010 | | | | | | Habitat, |
| UT to Acorn Fork 0.0 to | 0.25 | KY510210- | 5120101 | 17 | 5 NO | 337 A T T | C - 1' (C'14 - 4' | Petroleum/Natural Gas |
| 0.25 | miles | 1.9_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Activities |
| UT to Acorn Fork 0.0 to | 0.25 | KY510210- | | | | | | Petroleum/Natural Gas |
| 0.25 | miles | 1.9_01 | 5130101 | Knox | 5-NS | WAH | Specific Conductance | Activities |
| | | | | | | | | Channelization, Golf |
| LIT to Holton Doorsh O.O. | | KY494011- | | | | | | Courses, Legacy Coal |
| UT to Helton Branch 0.0 to 0.4 | 0.4 miles | 1.4_01 | 5130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Extraction, Loss of Riparian Habitat |
| 10 0.4 | 0.4 IIIIes | 1.4_01 | 3130101 | KIIOX | 3-13 | WAI | Sedimentation/Sittation | ктрапан павна |
| | | | | | | | | |
| UT to Jennys Branch | | KY512993- | | | | | Nutrient/Eutrophication | Rural (Residential |
| 0.0 to 1.3 | 1.3 miles | 3.4_00 | 5130101 | McCreary | 5-NS | WAH | Biological Indicators | Areas) |
| | | | | | | | Organic Enrichment | |
| UT to Jennys Branch | | KY512993- | | | | | (Sewage) Biological | Rural (Residential |
| 0.0 to 1.3 | 1.3 miles | 3.4_00 | 5130101 | McCreary | 5-NS | WAH | Indicators | Areas) |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| UT to Jennys Branch | | KY512993- | | | | | | Sedimentation, Source |
| 0.0 to 1.3 | 1.3 miles | 3.4_00 | 5130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Unknown |
| UT to Little Laurel | | KY513497- | | | | | | Loss of Riparian |
| River 0.0 to 1.4 | 1.4 miles | 16.05_00 | 5130101 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Habitat |
| UT to UT to Acorn Fork | 0.55 | KY510210-1.9- | | | | | | Petroleum/Natural Gas |
| 0.0 to 0.55 | miles | 0.27E_01 | 5130101 | Knox | 5-NS | WAH | Chloride | Activities |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | 0.55 | *********** | | | | | | Construction Related), |
| UT to UT to Acorn Fork | 0.55 | KY510210-1.9- | 5120101 | 17 | 5 NG | 337 4 7 7 | 0 1: (0:1) | Petroleum/Natural Gas |
| 0.0 to 0.55 | miles | 0.27E_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Activities |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|-------------|---------------|----------|-----------|------------|---------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to UT to Acorn Fork | 0.55 | KY510210-1.9- | 5120101 | W | E NG | *** | G :C G 1 | Petroleum/Natural Gas |
| 0.0 to 0.55 | miles | 0.27E_01 | 5130101 | Knox | 5-NS | WAH | Specific Conductance | Activities Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, |
| UT of UT to Acorn Fork | 0.2 | KY510210-1.9- | £120101 | IZ | 5 NG | XX/AII | G - 1' (G'14 - 4' | Petroleum/Natural Gas |
| 0.0 to 0.2 | 0.2 miles | 0.27W_01 | 5130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Activities Channelization, Coal |
| | | | | | | | | Mining, Erosion from |
| | | | | | | | | Derelict Land (Barren |
| Wallins Creek 0.0 to 4.2 | 4.2 miles | KY506154_01 | 5130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Land) |
| White Oak Creek 0.0 to | | | | | | | | |
| 1.0 | 1 miles | KY516320_01 | 5130102 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| White Oak Creek 0.0 to | | | | | | | Total Suspended Solids | |
| 1.0 | 1 miles | KY516320_01 | 5130102 | Laurel | 5-NS | WAH | (TSS) | Agriculture |
| White Oak Creek 0.0 to | | | | | | | | |
| 1.0 | 1 miles | KY516320_01 | 05130102 | Laurel | 5-NS | WAH | Turbidity | Agriculture |
| White Oak Creek 0.0 to | | | | | | | | |
| 4.2 | 4.2 miles | KY516318_01 | 5130104 | McCreary | 5-NS | WAH | Iron | Coal Mining |
| White Oak Creek 7.1 to | | | | | | | | Habitat Modification - other than |
| 11.2 | 4.1 miles | KY506623 01 | 5130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| | | | | | | | | Sanitary Sewer |
| Whitley Branch 1.1 to | | | | | | | | Overflows (Collection |
| 2.6 | 1.5 miles | KY516339_02 | 5130101 | Laurel | 5-NS | PCR | Fecal Coliform | System Failures) |
| | | | | | | | | Non-Irrigated Crop |
| Wolf Creek 0.0 to 1.8 | 1.8 miles | KY516433_00 | 5130101 | Whitley | 5-NS | WAH | Sedimentation/Siltation | Production, Surface Mining |
| WOII CIECK U.U tO 1.0 | 1.0 1111168 | K1310433_00 | 3130101 | vviiitiey | 2-11/2 | VV PAII | Scumentation/sittation | Habitat Modification - |
| | 1.95 | | | | | | | other than |
| Wood Creek 0.0 to 1.95 | miles | KY516466_01 | 5130102 | Laurel | 5-NS | CAH | Sedimentation/Siltation | Hydromodification |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-------------------------|------------|--------------|----------------|--------|---------------------|-----|---|--|
| , , , | | | | , | | | Nutrient/Eutrophication | Unspecified Domestic |
| Yellow Creek 0.0 to 6.7 | 6.7 miles | KY507211_01 | 5130101 | Bell | 5-PS | WAH | Biological Indicators | Waste Waste |
| Yellow Creek 0.0 to 6.7 | 6.7 miles | KY507211_01 | 5130101 | Bell | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Unspecified Domestic Waste |
| Yellow Creek 0.0 to 6.7 | 6.7 miles | KY507211_01 | 5130101 | Bell | 5-PS | WAH | Sedimentation/Siltation | Surface Mining, Urban Runoff/Storm Sewers |
| Yellow Creek 0.0 to 6.7 | 6.7 miles | KY507211_01 | 5130101 | Bell | 5-PS | WAH | Specific Conductance | Surface Mining, Urban Runoff/Storm Sewers |
| Yellow Creek 0.0 to 6.7 | 6.7 miles | KY507211_01 | 5130101 | Bell | 5-PS | WAH | Total Dissolved Solids | Surface Mining |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------|----------------|--------------|----------------|---------|------------------------|-------------|---|---|
| Corbin City Reservoir | 139 acres | KYCLN052_00 | 5130101 | Laurel | 5-PS, 5-NS | WAH, DWS | Nutrient/Eutrophication Biological Indicators | Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges |
| Corbin City Reservoir | 139 acres | KYCLN052_00 | 5130101 | Laurel | 5-PS, 5-NS | WAH, DWS | Organic Enrichment (Sewage) Biological Indicators | Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges |
| Lake Cumberland | 50250 acres | KY511679_00 | 5130103 | Russell | 5-PS | FC | Methylmercury | Atmospheric Deposition - Toxics |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|-------------|---------------|---------|--------------|------------|------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Adams Fork 0.0 to 4.6 | 4.6 miles | KY485774_01 | 5110004 | Ohio | 5-PS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | Industrial Point Source |
| Austin Creek 2.6 to 3.6 | 1 miles | KY486150_02 | 5110003 | Logan | 5-PS | WAH | Cause Unknown | Discharge |
| | | | | | | | | Agriculture, On-Site |
| | | | | | | | | Treatment Systems |
| D G 1 0 2 . | | | | | | | | (Septic Systems and |
| Bacon Creek 0.2 to | 17 | 1/3/40/107 01 | 5110001 | TT4 | 5 NO | DCD | F 1 C . 1'C | Similar Decentralized |
| 17.2 | 17 miles | KY486197_01 | 5110001 | Hart | 5-NS | PCR | Fecal Coliform | Systems) |
| | | | | | | | | Agriculture, On-Site Treatment Systems |
| | | | | | | | | (Septic Systems and |
| Bacon Creek 27.1 to | | | | | | | | Similar Decentralized |
| 32.6 | 5.5 miles | KY486197 03 | 5110001 | Hart | 5-NS | PCR | Fecal Coliform | Systems) |
| | | | | | | _ | | Agriculture, On-Site |
| | | | | | | | | Treatment Systems |
| | | | | | | | | (Septic Systems and |
| Bacon Creek 17.2 to | | | | | | | | Similar Decentralized |
| 27.1 | 9.9 miles | KY486197_02 | 5110001 | Hart | 5-NS | PCR | Fecal Coliform | Systems) |
| | | | | | | | | Loss of Riparian |
| Bacon Creek 17.2 to | | ****** | | | | | | Habitat, Non-Irrigated |
| 27.1 | 9.9 miles | KY486197_02 | 5110001 | Hart | 5-PS | WAH | Sedimentation/Siltation | Crop Production |
| Barren River 104.9 to | | | | | | PCR, | | |
| 119.4 | 14.5 miles | KY517526_06 | 5110002 | Allen | 5-NS, 5-NS | SCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Agriculture, |
| | | | | | | | | Petroleum/Natural Gas |
| Date Front Court 2.4: | | | | | | | | Production Activities |
| Bat East Creek 3.4 to 7.5 | 4.1 miles | KY486462_02 | 5110003 | Muhlenberg | 5-PS | WAH | Cause Unknown | (Permitted), Surface Mining |
| 1.3 | 4.1 IIIIIes | K 1480402_02 | 3110003 | withinenberg | 3-13 | WAП | Cause Ulikilowii | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| Bat East Creek 3.4 to | | | | | | | | (Permitted), Surface |
| 7.5 | 4.1 miles | KY486462_02 | 5110003 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Mining |
| 1 1 1 1 | | _ ::::::=v= | | | | | | -6 |

| | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|---------|------------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Bat East Creek 0.0 to 3.3 | 3.3 miles | KY486462_01 | 5110003 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - other than Hydromodification |
| Bat East Creek 0.0 to 3.3 | 3.3 miles | KY486462_01 | 5110003 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |
| Bays Fork of Barren River 6.2 to 15.5 | 9.3 miles | KY486497_01 | 5110002 | 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 | 5110002 | 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 | 5110002 | Allen | 5-PS | WAH | Specific Conductance | Municipal Point Source Discharges |
| Bear Creek 14.7 to 22.4 | 7.7 miles | KY486554_02 | 5110001 | Edmonson | 5-NS | WAH | Cause Unknown | Source Unknown |
| Bear Creek 22.4 to 30.6 | 8.2 miles | KY486554_03 | 5110001 | Grayson | 5-PS | WAH | Cause Unknown | Loss of Riparian Habitat, Streambank Modifications/Destabili zation |
| Beaver Creek 8.5 to 15.5 | 7 miles | KY486609_01 | 5110002 | Barren | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Big Brush Creek 0.0 to 5.0 | 5 miles | KY487146_01 | 5110001 | Green | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Crop Production (Crop Land or Dry Land), Streambank Modifications/Destabili zation |
| Big Creek 3.9 to 9.2 | 5.3 miles | KY487159_01 | 5110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification |

| | | | 8-Digit | | Assessment | | | |
|-------------------------------|-------------|--------------|---------|----------|------------|--------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | j | | , | <u> </u> | | • | 1 |
| Big Pitman Creek 27.5 | | | | | | | Nutrient/Eutrophication | Agriculture, Loss of |
| to 32.6 | 5.1 miles | KY487227_04 | 5110001 | Taylor | 5-PS | WAH | Biological Indicators | Riparian Habitat |
| | | | | , | | | | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Habitat |
| | | | | | | | | Modification - other |
| | | | | | | | | than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Loss of Riparian |
| D: D: C 1 27.5 | | | | | | | | Habitat, Streambank |
| Big Pitman Creek 27.5 to 32.6 | 5.1 miles | WW497227 04 | 5110001 | Tarden | 5-PS | WAH | Sedimentation/Siltation | Modifications/Destabili zation |
| 10 52.0 | 3.1 IIIIles | KY487227_04 | 3110001 | Taylor | 3-43 | WAH | Sedimentation/Sittation | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | | Habitat Modification - |
| Big Reedy Creek 6.9 to | | | | | | | | other than |
| 11.5 | 4.6 miles | KY487231_01 | 5110001 | Edmonson | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | 5110001 | Hardin | 5-PS | WAH | Cause Unknown | Source Unknown |
| - | | | | | | | | Agriculture, Industrial |
| | | | | | | | | Point Source Discharge, |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Site Clearance |
| | | | | | | | NT / 1 // // 11 / | (Land Development or |
| D:ll-: C1- 0.04- 4.9 | 4.0:1 | WW497217 01 | £110001 | II4: | 5 DC | XX/AII | Nutrient/Eutrophication | Redevelopment), Urban Runoff/Storm Sewers |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | 5110001 | Hardin | 5-PS | WAH | Biological Indicators | |
| | | | | | | | | Agriculture, Crop Production (Crop Land |
| | | | | | | | | or Dry Land), Managed |
| | | | | | | | | Pasture Grazing, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destabili |
| | | | | | | | | zation, Urban |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | 5110001 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Runoff/Storm Sewers |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|---------|----------------------|--------------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Black Snake Branch 1.6 | | | | | | | | |
| to 2.9 | 1.3 miles | KY487389_01 | 5110001 | Taylor | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | Agriculture, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Off- |
| | | | | | | | | Road Vehicles, Streambank |
| | | | | | | | | Modifications/Destabili |
| Brush Creek 0.0 to 6.1 | 6.1 miles | KY488076_01 | 5110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | zation |
| Drush Creek 0.0 to 0.1 | 0.1 miles | K1400070_01 | 3110001 | Cusey | 315 | | Sedimentation/Sittation | Zation |
| | | | | | ENC E | WAH, PCR, | | |
| Brush Fork 0.0 to 4.4 | 4.4 miles | KY488089 00 | 5110005 | McLean | 5-NS, 5- NS, 5-NS | SCR | pН | Surface Mining |
| Diusii i oik o.o to 4.4 | 4.4 IIIICS | K1400009_00 | 3110003 | Wichcan | 113, 3-113 | SCK | pii | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Surface |
| Brush Fork 0.0 to 4.4 | 4.4 miles | KY488089_00 | 5110005 | McLean | 5-NS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Permitted |
| | | | | | | | | Runoff from Confined |
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213 00 | 5110005 | McLean | 5-NS | PCR | Fecal Coliform | Animal Feeding Operations (CAFOs) |
| Buck Creek 0.0 to 8.0 | o iiiies | K1466213_00 | 3110003 | McLean | 3-113 | PCK | recai Comorni | Non-Irrigated Crop |
| | | | | | | | | Production, Permitted |
| | | | | | | | | Runoff from Confined |
| | | | | | | | Nutrient/Eutrophication | Animal Feeding |
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213_00 | 5110005 | McLean | 5-PS | WAH | Biological Indicators | Operations (CAFOs) |
| | | _ | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213_00 | 5110005 | McLean | 5-PS | WAH | Sedimentation/Siltation | Production |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|----------------|----------------|-----------|------------|---------|-------------------------|---------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| Buck Creek 1.9 to 8.1 | 6.2 miles | KY488210_01 | 5110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| Buck Fork 13.0 to 19.3 | 6.3 miles | KY488223_02 | 5110006 | Christian | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| Buck Fork 13.0 to 19.3 | 6.3 miles | KY488223_02 | 5110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| | | | | | | | | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Streambank Madifferentian (Dantal ill |
| December 15 0 0 45 5 9 | £ 0:1 | WW400222 01 | £110006 | T-11 | 5-PS | WAH | C - 1: /C:14 | Modifications/Destabili |
| Buck Fork 0.0 to 5.8 | 5.8 miles | KY488223_01 | 5110006 | Todd | 3-P3 | WAI | Sedimentation/Siltation | zation Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | 5110005 | Daviess | 5-PS | WAH | Nitrogen (Total) | Production Production |
| Bullett I of R 0.0 to 1.5 | 1.5 miles | 111 100 117_00 | 3110003 | Buriess | 315 | ******* | Trianogen (Total) | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Production |
| | | | | | | | • | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Streambank |
| D | | ****** | # 44000 | - | . Da | **** | | Modifications/Destabili |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | zation |
| | | | | | | | | Habitat Modification - |
| Dutler Fords 2.2 to 4.0 | 1.7 miles | VV400510 00 | 5110001 | A doin | 5 NC | WAIT | Cadimantation/Ciltation | other than |
| Butler Fork 2.3 to 4.0 | 1.7 miles | KY488519_00 | 3110001 | Adair | 5-NS | WAH | Sedimentation/Siltation | Hydromodification |
| | | | | | | | | |
| Calhoun Creek 0.0 to | | | | | | | Nutrient/Eutrophication | Managed Pasture |
| 2.8 | 2.8 miles | KY488609_01 | 5110001 | Casey | 5-PS | WAH | Biological Indicators | Grazing |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|---------------|---------|------------|------------|-----------|-------------------------|------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Grazing in Riparian or |
| | | | | | | | | Shoreline Zones, |
| Calhoun Creek 0.0 to | | | | | | | | Managed Pasture |
| 2.8 | 2.8 miles | KY488609_01 | 5110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | Grazing |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | Nutrient/Eutrophication | Production, Source |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | 5110005 | Daviess | 5-PS | WAH | Biological Indicators | Unknown |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| | 2 | ****** | ~11000~ | - · | - DG | **** | 7 | Production, Source |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Unknown |
| | | | | | | | | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| G B 00. 27 | 2.7 | 1717400701 00 | 5110005 | . | 5 DG | **** | 0 11 (011) | Production, Source |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Unknown |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Post- |
| | 26 3 | 1737400020 01 | 5110003 | 36.11.1 | 5 NG | 337 4 7 7 | 0 1: (0:1) | Development Erosion |
| Caney Creek 0.0 to 3.6 | 3.6 miles | KY488838_01 | 5110003 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Petroleum/Natural Gas |
| | 26 1 | 1737400020 01 | 5110003 | 36.11.1 | 5 NG | 337 4 7 7 | T (1D) 1 10 11 | Production Activities |
| Caney Creek 0.0 to 3.6 | 3.6 miles | KY488838_01 | 5110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | (Permitted) |
| Caney Creek 1.4 to 5.3 | 3.9 miles | KY488828_01 | 5110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|------------|------------|-----|-------------------------|-------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Caney Creek 3.6 to 7.6 | 4 miles | KY488838_02 | 5110003 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Non-Irrigated |
| Cash Creek 0.0 to 5.8 | 5.8 miles | KY489056_01 | 5110005 | Henderson | 5-PS | WAH | Sedimentation/Siltation | Crop Production |
| | | | | | | | | |
| Claylick Creek 4.1 to | | | | | | | Nutrient/Eutrophication | Managed Pasture |
| 5.3 | 1.2 miles | KY489582_00 | 5110001 | Metcalfe | 5-PS | WAH | Biological Indicators | Grazing |
| | | | | | | | | Highways, Roads, |
| | | | | | | | | Bridges, Infrastructure |
| | | | | | | | | (New Construction), |
| | | | | | | | | Loss of Riparian |
| Claylick Creek 4.1 to | | | | | | | | Habitat, Managed |
| 5.3 | 1.2 miles | KY489582_00 | 5110001 | Metcalfe | 5-PS | WAH | Sedimentation/Siltation | Pasture Grazing |
| | | | | | | | | Channelization, Habitat |
| Claylick Creek 2.4 to | | | | | | | | Modification - other |
| 3.4 | 1 miles | KY489590_00 | 5110001 | Warren | 5-PS | WAH | Sedimentation/Siltation | than Hydromodification |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | Nutrient/Eutrophication | Livestock (Grazing or |
| Cox's Run 0.0 to 3.4 | 3.4 miles | KY490231_00 | 5110001 | Hardin | 5-PS | WAH | Biological Indicators | Feeding Operations) |
| | | | | | | | | 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/Destabili |
| Cox's Run 0.0 to 3.4 | 3.4 miles | KY490231_00 | 5110001 | Hardin | 5-PS | WAH | Sedimentation/Siltation | zation |

| | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|---------------|----------|--------------|------------|-----------|----------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Craborchard Creek 0.0 | | | | | | | | |
| to 3.4 | 3.4 miles | KY490247_01 | 5110006 | Hopkins | 5-NS | WAH | Cause Unknown | Agriculture |
| | | | | | | | | Habitat Modification - |
| Craborchard Creek 0.0 to 3.4 | 2.4:1 | XX400247_01 | £110006 | II a a laina | 5-NS | XX7 A T T | Sedimentation/Siltation | other than |
| 10 3.4 | 3.4 miles | KY490247_01 | 5110006 | Hopkins | 3-113 | WAH | Sedimentation/Sittation | Hydromodification Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| Craborchard Creek 0.0 | | | | | | | | (Permitted), Surface |
| to 3.4 | 3.4 miles | KY490247_01 | 5110006 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Mining |
| Crooked Creek 0.0 to | | | | | | | | |
| 3.0 | 3 miles | KY490376_00 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Cypress Creek 0.0 to | | | | | | PCR, | | |
| 6.0 | 6 miles | KY490526_01 | 5110006 | McLean | 5-NS, 5-NS | SCR | Fecal Coliform | Source Unknown |
| Cypress Creek 23.1 to | | | | | | | | |
| 26.5 | 3.4 miles | KY490526_02 | 5110006 | Muhlenberg | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cypress Creek 23.1 to | | | | | | | | |
| 26.5 | 3.4 miles | KY490526_02 | 05110006 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| Cypress Creek 26.5 to | | | | | | | | Non-Point Source, |
| 33.6 | 7.1 miles | KY490526_03 | 5110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Surface Mining |
| Cypress Creek 26.5 to | | | | | | | | Non-Point Source, |
| 33.6 | 7.1 miles | KY490526_03 | 5110006 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Daniels Creek 0.0 to 5.7 | 5.7 miles | KY490575_00 | 5110004 | Breckinridge | 5-PS | WAH | Cause Unknown | Source Unknown |
| Deer Creek 0.0 to 8.4 | 8.4 miles | KY490771_01 | 5110005 | Webster | 5-NS | WAH | Iron | Source Unknown |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | Crop Production (Crop |
| Deer Creek 0.0 to 8.4 | 8.4 miles | KY490771_01 | 5110005 | Webster | 5-NS | WAH | Biological Indicators | Land or Dry Land) |
| Deserter Creek 0.0 to | | | | | | | | |
| 3.1 | 3.1 miles | KY490828_01 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Agriculture, Habitat |
| Deserter Creek 0.0 to | 2.1:1 | IZX/100020 01 | £11000£ | Davissa | 5 DC | 337 A 17 | C - 4: + c + i C:14 - + i | Modification - other |
| 3.1 | 3.1 miles | KY490828_01 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | than Hydromodification |

| w | m . 10: | W 1 1 1 P | 8-Digit | a d | Assessment | ** | | |
|---|------------|--------------|---------|-----------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Dorsey Run 2.1 to 3.9 | 1.8 miles | KY491020_00 | 5110001 | Hardin | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing |
| Dorsey Run 2.1 to 3.9 | 1.8 miles | KY491020_00 | 5110001 | Hardin | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Managed Pasture Grazing, Post- Development Erosion and Sedimentation |
| Drakes Creek 0.0 to | | | | | | | Polychlorinated | Industrial Point Source |
| 23.4 | 23.4 miles | KY491096_01 | 5110002 | Warren | 5-PS | FC | biphenyls | Discharge |
| Dry Creek 0.0 to 3.7 | 3.7 miles | KY491173_00 | 5110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | Managed Pasture Grazing, Non-Irrigated Crop Production |
| East Branch 0.0 to 1.3 | 1.3 miles | KY491428_00 | 5110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | 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 | KY491455_00 | 5110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| East Fork of Little Barren River 20.7 to 30.0 | 9.3 miles | KY491468_03 | 5110001 | Metcalfe | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat Channelization, Crop |
| East Prong of Indian Camp Creek 0.0 to 6.25 | 6.25 miles | KY491498_01 | 5110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Production (Crop Land or Dry Land), Streambank Modifications/Destabili zation |
| Eaton Branch 0.0 to 1.9 | 1.9 miles | KY491529_01 | 5110002 | Barren | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Loss of Riparian Habitat |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------------|-----------------|---------------|------------|-----------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Agriculture, Loss of Riparian Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destabili |
| Eaton Branch 0.0 to 1.9 | 1.9 miles | KY491529_01 | 5110002 | Barren | 5-PS | WAH | Sedimentation/Siltation | zation |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | ****************** | # 440006 | ** 1. | 5 NG | **** | a 11 (a) | Irrigated Crop |
| Elk Creek 0.0 to 5.4 | 5.4 miles | KY491656_01 | 5110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Sanitary Sewer Overflows (Collection |
| Elk Creek 7.6 to 10.6 | 3 miles | KY491656_02 | 5110006 | Hopkins | 5-NS | PCR | Fecal Coliform | System Failures) |
| Elk Pond Creek 0.0 to | 3 miles | K1471030_02 | 3110000 | Поркінз | 3-113 | TCK | r ccar comorni | System randies) |
| 4.5 | 4.5 miles | KY491671_00 | 5110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |
| 4.3 | 4.5 iiiies | K14910/1_00 | 3110000 | Withinchiberg | 3-143 | TCK | recai Comorni | Habitat Modification - |
| | | | | | | | | other than |
| Elk Pond Creek 0.0 to | | | | | | | | Hydromodification, |
| 4.5 | 4.5 miles | KY491671_00 | 5110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | Package Plant or Other |
| | | | | | | | | Permitted Small Flows |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | 5110006 | Hopkins | 5-NS | WAH | Oil and Grease | Discharges |
| | | | | | | WAH, | | |
| | | | | | 5-NS, 5- | PCR, | | Acid Mine Drainage, |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | 5110006 | Hopkins | NS, 5-NS | SCR | pН | Legacy Coal Extraction |
| | | | | | | | | Legacy Coal Extraction, |
| | | | | | | | | Loss of Riparian |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | 5110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Habitat |
| | | | | | | | | |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | 5110006 | Hopkins | 5-NS | WAH | Specific Conductance | Legacy Coal Extraction |
| | | | | | | | TD / 10 1 10 221 | Package Plant or Other |
| Elet Creek 0.0 to 10.0 | 10.0 | 1/3/402101 00 | £11000C | IIl.: | 5 NC | 337 A T T | Total Suspended Solids | Permitted Small Flows |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | 5110006 | Hopkins | 5-NS | WAH | (TSS) | Discharges |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|---------------------|---------|------------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Ford Ditch 0.0 to 3.3 | 3.3 miles | KY501759- 2.2_00 | 5110005 | 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 | 5110005 | Daviess | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |
| Gilles Ditch 0.0 to 5.4 | 5.4 miles | KY501760- 3.5_00 | 5110005 | Daviess | 5-NS | WAH | Cause Unknown | Loss of Riparian Habitat, Streambank Modifications/Destabili zation |
| Glens Fork 0.0 to 7.1 | 7.1 miles | KY492907_00 | 5110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - other than Hydromodification, Managed Pasture Grazing |
| Grassy Creek 2.1 to 4.4 | 2.3 miles | KY493149_00 | 5110004 | Ohio | 5-NS | WAH | Sedimentation/Siltation | Channelization, Dredging (e.g., for Navigation Channels), Loss of Riparian Habitat, Surface Mining |
| Green River 210.5 to 250.3 | 39.8 miles | KY493284_07 | 5110001 | Hart | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Green River 283.3 to 309.0 | 25.7 miles | KY493284_12 | 5110001 | Taylor | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Green River 71.9 to 94.4 | 22.5 miles | KY493284_04 | 5110003 | Muhlenberg | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Groves Creek 0.0 to 6.4 | 6.4 miles | KY493444_00 | 5110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Non-Irrigated Crop Production |
| Halls Creek 6.8 to 9.6 | 2.8 miles | KY493602_01 | 5110004 | Ohio | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|---------------|-----------------|------------|------------|------|-------------------------|--------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Silviculture |
| | | | | | | | | Activities, Woodlot Site |
| Halls Creek 6.8 to 9.6 | 2.8 miles | KY493602_01 | 5110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Management |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| Havana Creek 0.0 to | | | | | | | | Irrigated Crop |
| 1.9 | 1.9 miles | KY493874_00 | 5110005 | Webster | 5-PS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | | Habitat Modification - |
| Indian Camp Creek 0.1 | | ****** | | | | | | other than |
| to 3.1 | 3.0 miles | KY494914_01 | 5110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| | | | | | | | | Agriculture, Loss of |
| Indian Camp Creek 3.1 | | | | | | | Nutrient/Eutrophication | Riparian Habitat, Non- |
| to 10.4 | 7.3 miles | KY494914_02 | 5110003 | Butler | 5-PS | WAH | Biological Indicators | Point Source |
| | | | | | | | | Agriculture, Habitat |
| | | | | | | | | Modification - other |
| | | | | | | | | than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Loss of Riparian |
| Indian Camp Creek 3.1 | | | | | | | | Habitat, Non-Point |
| to 10.4 | 7.3 miles | KY494914_02 | 5110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Source |
| | | | | | | **** | | Acid Mine Drainage, |
| | | | | | 5 NG 5 | WAH, | | Impacts from |
| | 7.2 11 | 1717405025 00 | 711000 6 | 3611 | 5-NS, 5- | PCR, | ** | Abandoned Mine Lands |
| Isaacs Creek 0.0 to 7.3 | 7.3 miles | KY495035_00 | 5110006 | Muhlenberg | NS, 5-NS | SCR | pН | (Inactive) |
| | | | | | | | | Acid Mine Drainage, |
| | | | | | | | | Impacts from |
| January Crasts 0.0 to 7.2 | 7.2 m:1 | VV405025 00 | 5 110006 | Muhlanhan | 5 NC | WATT | Cadimantation /C:14-4 | Abandoned Mine Lands |
| Isaacs Creek 0.0 to 7.3 | 7.3 miles | KY495035_00 | 5110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | (Inactive) |
| Jarrels Creek 0.0 to 1.8 | 1.8 miles | KY495175_00 | 5110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|---------------|-----------------|------------|------------|----------|-------------------------|--------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation Channels), |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| Jarrels Creek 0.0 to 1.8 | 1.8 miles | KY495175_00 | 5110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | Animal Feeding |
| | | | | | | | | Operations (NPS), Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Livestock |
| | | | | | | | | (Grazing or Feeding |
| | | | | | | | | Operations), Upstream |
| | | | | | | | Nutrient/Eutrophication | Impoundments (e.g., Pl- |
| Jarret Fork 0.0 to 1.1 | 1.1 miles | KY495176_00 | 5110004 | Grayson | 5-NS | WAH | Biological Indicators | 566 NRCS Structures) |
| | | | | | | | | Animal Feeding |
| | | | | | | | | Operations (NPS), Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Impacts |
| | | | | | | | | from Hydrostructure |
| | | | | | | | | Flow |
| | | | | | | | | Regulation/Modificatio |
| | | | | | | | | n, Livestock (Grazing or |
| | | | | | | | | Feeding Operations), |
| | | | | | | | | Upstream |
| 7 7 1 0 0 1 1 | | ****** | 7 110001 | | - NA | **** | a 11 (a11) | Impoundments (e.g., Pl- |
| Jarret Fork 0.0 to 1.1 | 1.1 miles | KY495176_00 | 5110004 | Grayson | 5-NS | WAH | Sedimentation/Siltation | 566 NRCS Structures) |
| | | | | | | | | Channelization, |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation Channels), |
| | | | | | | | | Livestock (Grazing or |
| | | | | | | | | Feeding Operations), |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Streambank |
| Jenny Hollow Branch | 2.4 :: | 1737405212 00 | £110004 | 01: | 5 NG | 337 4 33 | 0 1' (2' 10') | Modifications/Destabili |
| 0.0 to 2.4 | 2.4 miles | KY495212_00 | 5110004 | Ohio | 5-NS | WAH | Sedimentation/Siltation | zation |

| | | | 8-Digit | | Assessment | | | |
|------------------------|-------------|-----------------|---------|-----------|------------|---|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Joes Branch 0.0 to 4.4 | 4.4 miles | KY495307_00 | 5110005 | Daviess | 5-PS | WAH | Cause Unknown | Source Unknown |
| Joes Run 0.0 to 4.8 | 4.8 miles | KY495312_00 | 5110005 | Daviess | 5-PS | WAH | Cause Unknown | Source Unknown |
| Knoblick Creek 0.0 to | | | | | | | | |
| 2.1 | 2.1 miles | KY495848_00 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Non-Irrigated |
| Knoblick Creek 0.0 to | 0.4 " | ****** | ~11000~ | *** | - NA | **** | Nutrient/Eutrophication | Crop Production, |
| 9.1 | 9.1 miles | KY495850_00 | 5110005 | Webster | 5-NS | WAH | Biological Indicators | Rangeland Grazing |
| | | | | | | | | Loss of Riparian Habitat, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| Knoblick Creek 0.0 to | | | | | | | | Irrigated Crop |
| 9.1 | 9.1 miles | KY495850 00 | 5110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Managed Pasture |
| Knoblick Creek 0.0 to | | | | | | | | Grazing, Non-Irrigated |
| 9.1 | 9.1 miles | KY495850_00 | 5110005 | Webster | 5-NS | WAH | Total Dissolved Solids | Crop Production |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| Lewis Creek 0.0 to | 110 11 | WW.406227 00 | 5110000 | 01. | 5 DG | **** | G 11 (G11) | Hydromodification, |
| 11.8 | 11.8 miles | KY496327_00 | 5110003 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| 1110 100 27 | 2.7 '' | TTT 40 6 400 01 | 5110005 | ** 1 | 5 NG | **** | G 11 (G11) | Non-Irrigated Crop |
| Lick Creek 0.0 to 3.7 | 3.7 miles | KY496482_01 | 5110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | ***** | | | | | | |
| Lick Creek 5.0 to 13.8 | 8.8 miles | KY496482_02 | 5110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Channelization |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | Managed Pasture |
| Lindy Creek 0.0 to 0.9 | 0.9 miles | KY496578_00 | 5110001 | Hart | 5-PS | WAH | Biological Indicators | Grazing |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation Channels), Managed Pasture |
| Lindy Creek 0.0 to 0.9 | 0.9 miles | KY496578_00 | 5110001 | Hart | 5-PS | WAH | Sedimentation/Siltation | Grazing |
| Lindy Cleek 0.0 to 0.9 | 0.9 1111168 | IX 1470376_00 | 5110001 | 11411 | J-I O | VV /\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Scumentation/Smallon | Grazing |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|----------------|-----------------|------------|------------|-----------|-------------------------|--------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | · | | | | | • | Silviculture Activities, |
| | | | | | | | | Site Clearance (Land |
| Little Beaverdam Creek | | | | | | | | Development or |
| 0.0 to 11.4 | 11.4 miles | KY496615_01 | 5110001 | Warren | 5-PS | WAH | Sedimentation/Siltation | Redevelopment) |
| Little Cypress Creek | | | | | | | | |
| 0.0 to 8.7 | 8.7 miles | KY496701_01 | 5110006 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| | | | | | | | | Channelization, Golf |
| | | | | | | | | Courses, |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Surface |
| Little Cypress Creek | 0.7 | ****** | 711000 6 | 3611 | # DG | **** | G 11 (G11) | Mining, Unspecified |
| 0.0 to 8.7 | 8.7 miles | KY496701_01 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Urban Stormwater |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Surface |
| Little Cypress Creek | 0.7 | TTT 10 (501 01 | 711000 6 | 36.11.1 | # DG | **** | | Mining, Unspecified |
| 0.0 to 8.7 | 8.7 miles | KY496701_01 | 5110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Urban Stormwater |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| L'ul. C C | | | | | | | | (Permitted), Surface |
| Little Cypress Creek | 0.7 | 1/3/40/701 01 | 5110006 | M 1.11. | 5 DC | 337 A T T | T-4-1 D'110 1'1 | Mining, Unspecified |
| 0.0 to 8.7 | 8.7 miles | KY496701_01 | 5110006 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Urban Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|-------------|---------------|-----------------|---------------|------------|-----------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, Golf |
| | | | | | | | | Courses, |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Surface |
| Little Cypress Creek 8.7 | 1 4 1 | WW.406701.00 | 711000 6 | 3611 | 5 NG | **** | G 11 | Mining, Unspecified |
| to 10.1 | 1.4 miles | KY496701_02 | 5110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Urban Stormwater |
| | | | | | | | | Petroleum/Natural Gas |
| Livi C C 107 | | | | | | | | Activities, Surface |
| Little Cypress Creek 8.7 | 1.4 | 1/3/40/701 02 | £11000C | M 1.11 | 5 NG | 337 A T T | Const. Const. | Mining, Unspecified |
| to 10.1 | 1.4 miles | KY496701_02 | 5110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Urban Stormwater |
| | | | | | | | | Petroleum/Natural Gas Activities, Surface |
| Little Cypress Creek 8.7 | | | | | | | | Mining, Unspecified |
| to 10.1 | 1.4 miles | KY496701 02 | 5110006 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Urban Stormwater |
| 10 10.1 | 1.4 IIIICS | K1490701_02 | 3110000 | Withinchiberg | 3-113 | WAII | Total Dissolved Solids | Ciban Stormwater |
| V:-1 3/ 11 G 1 66 | | | | | | | NT of other than | N. T 10 |
| Little Muddy Creek 6.6 | 6.2 1 | WW.512506 02 | 5110000 | D d | 5 DC | 337 A T T | Nutrient/Eutrophication | Non-Irrigated Crop |
| to 12.9 | 6.3 miles | KY513506_02 | 5110002 | Butler | 5-PS | WAH | Biological Indicators | Production |
| The Maria Control | | | | | | | | Loss of Riparian |
| Little Muddy Creek 6.6 | 6.2 | WW512506 02 | 5110002 | D 41 | 5 DC | 337 A T T | C - 1' (C'14 - 4' | Habitat, Non-Irrigated |
| to 12.9 | 6.3 miles | KY513506_02 | 5110002 | Butler | 5-PS | WAH | Sedimentation/Siltation | Crop Production |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), Habitat Modification - |
| Little Muddy Creek 5.2 | | | | | | | | other than |
| to 6.6 | 1.4 miles | KY513506_01 | 5110002 | Butler | 5-NS | WAH | Sedimentation/Siltation | Hydromodification |
| 10 0.0 | 1.4 1111168 | K1313300_01 | 5110002 | Dutter | 2-11/2 | W AII | Scumentation/Sittation | Tryuromounication |

| | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|---------------|---------|------------|----------------------|-------------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Agriculture, Channel |
| | | | | | | | | Erosion/Incision from |
| | | | | | | | | Upstream Hydromodifications, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Petroleum/Natural Gas |
| Long Creek 0.0 to 3.3 | 3.3 miles | KY497096_01 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Activities |
| Long Falls Creek 0.0 to | | | | | | | | |
| 7.6 | 7.6 miles | KY497098_01 | 5110005 | McLean | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Channelization, |
| | | | | | | | | Irrigated Crop Production, Non- |
| | | | | | | | | Irrigated Crop |
| Long Falls Creek 0.0 to | | | | | | | | Production, Surface |
| 7.6 | 7.6 miles | KY497098_01 | 5110005 | McLean | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| Long Falls Creek 0.0 to | 7.6 1 | 1737407000 01 | 5110005 | 3.6.7 | 5 DC | 337 4 7 7 | T (1D) 1 10 11 | (Permitted), Surface |
| 7.6 | 7.6 miles | KY497098_01 | 5110005 | McLean | 5-PS | WAH | Total Dissolved Solids | Mining |
| Long Falls Creek 7.6 to | 4.2 | 123/407000 02 | £11000£ | Matana | 5 NO | DCD | E 1 C . 1'C | Loss of Riparian |
| 11.8 | 4.2 miles | KY497098_02 | 5110005 | McLean | 5-NS | PCR | Fecal Coliform | Habitat |
| I DII C 176 | | | | | 5 DG 5 | WAH, | | |
| Long Falls Creek 7.6 to 11.8 | 4.2 miles | KY497098_02 | 5110005 | McLean | 5-PS, 5- NS, 5-NS | PCR, SCR | pН | Asid Mina Drainaga |
| 11.0 | 4.2 Illies | K1497098_02 | 3110003 | McLean | 113, 3-113 | SCR | рп | Acid Mine Drainage Acid Mine Drainage, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| Long Falls Creek 7.6 to | | | | | | | | Irrigated Crop |
| 11.8 | 4.2 miles | KY497098_02 | 5110005 | McLean | 5-PS | WAH | Sedimentation/Siltation | Production |
| Long Falls Creek 7.6 to | | | | | | | | |
| 11.8 | 4.2 miles | KY497098_02 | 5110005 | McLean | 5-PS | WAH | Total Dissolved Solids | Acid Mine Drainage |

| | | | 8-Digit | | Assessment | | | |
|---|----------------------|----------------------------|--------------------|------------------------|--------------|----------|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Long Lick Creek 4.6 to 7.2 | 2.6 miles | KY497125_00 | 5110004 | Breckinridge | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations) |
| Long Lick Creek 4.6 to 7.2 | 2.6 miles | KY497125_00 | 5110004 | Breckinridge | 5-NS | WAH | Sedimentation/Siltation | 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 | KY497869_00 | 5110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - other than Hydromodification |
| Meeting Creek 5.2 to 14.0 | 8.8 miles | KY498030_01 | 5110004 | 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 | 5110004 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Middle Fork of Drakes Creek 0.0 to 7.8 | 7.8 miles | KY498119_01 | 5110002 | Warren | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Loss of Riparian Habitat |
| Mill Creek 0.0 to 4.2 | 4.2 miles | KY498260_00 | 5110004 | Ohio | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Mud River 30.9 to 52.2 | 21.3 miles | KY499011_03 | 5110003 | Logan | 5-NS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Mud River 52.2 to 64.0 | 11.8 miles | KY499011_04 | 5110003 | Logan | 5-NS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Mud River 9.1 to 30.9 | 21.8 miles | KY499011_02 | 5110003 | Muhlenberg | 5-NS | WAH | Iron | Source Unknown |
| Mud River 9.1 to 30.9 | 21.8 miles | KY499011_02 | 5110003 | Muhlenberg | 5-NS | FC | Mercury in Fish Tissue | Source Unknown Industrial Point Source |
| Mud River 9.1 to 30.9 Mud River 0.0 to 9.1 | 21.8 miles 9.1 miles | KY499011_02 KY499011_01 | 5110003 5110003 | Muhlenberg Muhlenberg | 5-NS 5-PS | FC FC | PCB in Fish Tissue PCB in Fish Tissue | Discharge Industrial Point Source Discharge |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|---------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Muddy Creek 0.0 to 5.9 | 5.9 miles | KY499036_01 | 5110003 | Butler | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Muddy Creek 1.9 to 4.9 | 3 miles | KY499038_01 | 5110004 | Ohio | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Muddy Creek 5.8 to 9.1 | 3.3 miles | KY499038_02 | 5110004 | Ohio | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production, Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |
| Muddy Creek 5.8 to 9.1 | 3.3 miles | KY499038_02 | 5110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Channelization, Non- Irrigated Crop Production |
| Muddy Creek 8.6 to 15.2 | 6.6 miles | KY499036_02 | 5110003 | 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 | 5110003 | Butler | 5-PS | WAH | Oxygen, Dissolved | Agriculture, Channelization |
| Muddy Creek 8.6 to 15.2 | 6.6 miles | KY499036_02 | 5110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabili zation |
| 13.2 | o.o iiiies | K 1499030_02 | 3110003 | buuer - | 3-13 | WAH | Seumentation/Sittation | Habitat Modification - |
| Muddy Creek 0.0 to 5.0 | 5 miles | KY499037_01 | 5110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | other than Hydromodification |

| | | 8-Digit | | Assessment | | | |
|------------|--------------|--|---|---|--|--|---|
| Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | Channelization, Crop |
| | | | | | | | Production (Crop Land |
| | | | | | | | or Dry Land), Loss of |
| | | | | | | | Riparian Habitat, Streambank |
| | | | | | | | Modifications/Destabili |
| 1.5 miles | KV499173 00 | 5110006 | Honkins | 5-NS | WAH | Cause Unknown | zation |
| 1.5 IIIICs | K1477173_00 | 3110000 | Поркиз | 3 110 | VV 2 11 1 | Cause Offichiown | Crop Production (Crop |
| | | | | | | | Land or Dry Land), |
| | | | | | | | Habitat Modification - |
| | | | | | | | other than |
| 4.2 miles | KY499538_00 | 5110005 | Hancock | 5-NS | WAH | Cause Unknown | Hydromodification |
| | | | | | | | Channelization, Loss of |
| | | | | | | | Riparian Habitat, Non- |
| 2.3 miles | KV400541 01 | 5110004 | Ohio | 5 DC | WAL | Sadimentation/Siltation | Irrigated Crop Production |
| 2.3 IIIIes | K1499341_01 | 3110004 | Ollio | 3-13 | WAII | Sedifficitation/Sittation | |
| | | | | | | Northiant/Cotton alsiantian | Municipal Point Source |
| 1 miles | KV/100550 01 | 5110001 | Larue | 5 NS | WAH | | Discharges, Urban Runoff/Storm Sewers |
| 4 1111103 | K1499339_01 | 3110001 | Laruc | 3-113 | WAII | | |
| | | | | | | C | Municipal Point Source |
| 4 miles | KV499559 01 | 5110001 | Larue | 5-NS | WAH | | Discharges, Urban Runoff/Storm Sewers |
| 1 1111103 | 1117/33/_01 | 5110001 | Larue | 5 110 | 777111 | maicators | Runon/otorni oc wers |
| 4 9 miles | KY499562 02 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| 1.7 111103 | 11 17/302_02 | 3110003 | Daviess | 5 110 | 1 CIX | 1 com comorni | Source Chanown |
| | | | | | | Nutrient/Futrophication | Agriculture, Loss of |
| 4.9 miles | KY499562 02 | 5110005 | Daviess | 5-PS | WAH | | Riparian Habitat |
| | 1.5 miles | 1.5 miles KY499173_00 4.2 miles KY499538_00 2.3 miles KY499541_01 4 miles KY499559_01 4 miles KY499559_01 4.9 miles KY499562_02 | Total Size Waterbody ID HUC 1.5 miles KY499173_00 5110006 4.2 miles KY499538_00 5110005 2.3 miles KY499541_01 5110004 4 miles KY499559_01 5110001 4 miles KY499562_02 5110005 | Total Size Waterbody ID HUC County 1.5 miles KY499173_00 5110006 Hopkins 4.2 miles KY499538_00 5110005 Hancock 2.3 miles KY499541_01 5110004 Ohio 4 miles KY499559_01 5110001 Larue 4 miles KY499559_01 5110001 Larue 4.9 miles KY499562_02 5110005 Daviess | Total Size Waterbody ID HUC County Category 1.5 miles KY499173_00 5110006 Hopkins 5-NS 4.2 miles KY499538_00 5110005 Hancock 5-NS 2.3 miles KY499541_01 5110004 Ohio 5-PS 4 miles KY499559_01 5110001 Larue 5-NS 4 miles KY499559_01 5110001 Larue 5-NS 4.9 miles KY499562_02 5110005 Daviess 5-NS | Total Size Waterbody ID HUC County Category Use 1.5 miles KY499173_00 5110006 Hopkins 5-NS WAH 4.2 miles KY499538_00 5110005 Hancock 5-NS WAH 2.3 miles KY499541_01 5110004 Ohio 5-PS WAH 4 miles KY499559_01 5110001 Larue 5-NS WAH 4 miles KY499559_01 5110001 Larue 5-NS WAH 4.9 miles KY499562_02 5110005 Daviess 5-NS PCR | Total Size Waterbody ID HUC County Category Use Impairment 1.5 miles KY499173_00 5110006 Hopkins 5-NS WAH Cause Unknown 4.2 miles KY499538_00 5110005 Hancock 5-NS WAH Cause Unknown 2.3 miles KY499541_01 5110004 Ohio 5-PS WAH Sedimentation/Siltation 4 miles KY499559_01 5110001 Larue 5-NS WAH Nutrient/Eutrophication Biological Indicators 4 miles KY499562_02 5110005 Daviess 5-NS PCR Fecal Coliform 4.9 miles KY499562_02 5110005 Daviess 5-NS PCR Fecal Coliform |

| | | | 8-Digit | | Assessment | | | |
|---|------------|--------------|---------|---------|------------|---|-------------------------|---------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Agriculture, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| | | | | | | | | Riparian Habitat, Streambank |
| North Fork of Panther | | | | | | | | Modifications/Destabili |
| Creek 4.2 to 9.1 | 4.9 miles | KY499562_02 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | zation |
| CICCR 1.2 to 3.1 | 1.5 miles | 111177502_02 | 3110003 | Buviess | 315 | *************************************** | Seamentation, Stration | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| North Fork of Panther | | | | | | | | Irrigated Crop |
| Creek 0.0 to 4.2 | 4.2 miles | KY499562_01 | 5110005 | Daviess | 5-PS | WAH | Cause Unknown | Production |
| | | | | | | | | Irrigated Crop |
| New Level Develope | | | | | | | | Production, Non- |
| North Fork Panther Creek 9.7 to 12.7 | 3 miles | KY499562 04 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production |
| | 3 lillies | K1499302_04 | 3110003 | Daviess | 3-13 | WAII | riiospiiorus (Totai) | FIOGUCTION |
| Old Panther Creek 0.4 to 5.7 | 5.3 miles | KY499866 01 | 5110005 | Daviess | 5-NS | WAH | Cause Unknown | Source Unknown |
| 10 5.7 | 5.5 miles | K1499800_01 | 3110003 | Daviess | 3-NS | WAH | Cause Unknown | Habitat Modification - |
| Old Panther Creek 5.7 | | | | | | | | other than |
| to 8.8 | 3.1 miles | KY499866 02 | 5110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Hydromodification |
| | | | | | 0 1 10 | | | Channelization, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Unspecified |
| Otter Creek 0.0 to 6.3 | 6.3 miles | KY500023_00 | 5110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Urban Stormwater |
| Panther Creek 0.1 to | | | | | | PCR, | | |
| 3.0 | 2.9 miles | KY500157_01 | 5110005 | Daviess | 5-NS, 5-NS | SCR | Fecal Coliform | Source Unknown |
| Panther Creek 0.1 to | | | | | | | | |
| 3.0 | 2.9 miles | KY500157_01 | 5110005 | Daviess | 5-NS | WAH | Iron | Surface Mining |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|---------|------------|-----|-------------------------|-------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| Panther Creek 0.1 to | | | | | | | | Production, Unspecified |
| 3.0 | 2.9 miles | KY500157_01 | 5110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Urban Stormwater |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| Panther Creek 0.1 to | | | | | | | | Production, Unspecified |
| 3.0 | 2.9 miles | KY500157_01 | 5110005 | Daviess | 5-NS | WAH | Turbidity | Urban Stormwater |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| | | | | | | | | Irrigated Crop |
| Panther Creek 17.9 to | | | | | | | | Production, Source |
| 20.4 | 2.5 miles | KY500157_03 | 5110005 | Daviess | 5-NS | WAH | Phosphorus (Total) | Unknown |
| | | | | | | | | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Source |
| | | | | | | | | Unknown, Streambank |
| Panther Creek 17.9 to | | | | | | | | Modifications/Destabili |
| 20.4 | 2.5 miles | KY500157_03 | 5110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | zation |
| | | | | | | | | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | Nutrient/Eutrophication | Unrestricted Cattle |
| Panther Creek 0.0 to 3.6 | 3.6 miles | KY500156_01 | 5110003 | Butler | 5-PS | WAH | Biological Indicators | Access |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------------|------------|------|-------------------------|---------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| | | | | | | | | or Dry Land), Loss of |
| | | | | | | | | Riparian Habitat, Streambank |
| | | | | | | | | Modifications/Destabili |
| | | | | | | | | zation, Unrestricted |
| Panther Creek 0.0 to 3.6 | 3.6 miles | KY500156_01 | 5110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Cattle Access |
| Panther Creek 3.0 to 5.9 | 2.9 miles | KY500157_02 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Agriculture |
| | | | | | | | | Livestock (Grazing or |
| Pettys Fork 0.0 to 6.1 | 6.1 miles | KY500492_00 | 5110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Feeding Operations) |
| | | | | | | | | Acid Mine Drainage, |
| Pigeon Creek 0.0 to 3.4 | 3.4 miles | KY500588_00 | 5110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| 1 igeon cieck 0.0 to 3.4 | 3.4 IIIICS | K1300388_00 | 3110004 | Onio | 3-13 | WAII | Scamentation/Sittation | Troduction |
| Pigeon Creek 0.0 to 3.4 | 3.4 miles | KY500588_00 | 5110004 | Ohio | 5-PS | WAH | Total Dissolved Solids | Acid Mine Drainage |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| Pleasant Run 0.0 to 2.0 | 2 miles | KY500906_01 | 5110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Hydromodification |
| Plum Creek 0.0 to 1.7 | 1.7 miles | KY500964 01 | 5110003 | Muhlenberg | 5-NS | WAH | Chloride | Inappropriate Waste Disposal |
| Fium Creek 0.0 to 1.7 | 1.7 IIIIes | K1300904_01 | 3110003 | Withheliberg | 3-113 | WAII | Cilioriue | * |
| Plum Creek 0.0 to 1.7 | 1.7 miles | KY500964_01 | 5110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Inappropriate Waste Disposal |
| Plum Creek 1.7 to 3.9 | 2.2 miles | KY500964_02 | 5110005 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |
| 11diii Clock 1.7 to 3.7 | 2.2 111103 | 111300701_02 | 2110000 | 1.1umenoeig | 2 110 | TOR | 1 com comonii | Habitat Modification - |
| | | | | | | | | other than |
| Plum Creek 1.7 to 3.9 | 2.2 miles | KY500964_02 | 5110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Hydromodification |
| Pond Creek 14.4 to | | | | | | | | |
| 18.1 | 3.7 miles | KY501042_05 | 5110003 | Muhlenberg | 5-PS | WAH | Cause Unknown | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|------------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | 5110003 | 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 | 5110003 | 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 | 5110003 | Muhlenberg | 5-PS | WAH | Specific Conductance | Agriculture, Surface Mining |
| Pond Creek 4.8 to 7.6 | 2.8 miles | KY501042_02 | 5110003 | 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 | 5110003 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Channelization, Inappropriate Waste Disposal, Post- Development Erosion and Sedimentation, Streambank Modifications/Destabili zation, Surface Mining |
| | | | | | | | Seumentation/Smatton | Inappropriate Waste Disposal, Petroleum/Natural Gas Production Activities (Permitted), Surface |
| Pond Creek 4.8 to 7.6 | 2.8 miles | KY501042_02 | 5110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Mining |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|-------------|---------------|----------------|-------------|------------|-----------|-------------------------|--------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Acid Mine Drainage, |
| | | | | | | | | Inappropriate Waste |
| | | | | | | | | Disposal, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Activities, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Surface |
| Pond Creek 7.6 to 11.7 | 4.1 miles | KY501042_03 | 5110003 | Muhlenberg | 5-NS | WAH | Chloride | Mining |
| | | | | | | | | Channelization, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Activities, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Streambank |
| B 10 1 76 117 | 4.4 '1 | 1717501040 00 | 5110002 | 36.11.1 | 5 NG | **** | 0 1 (01) | Modifications/Destabili |
| Pond Creek 7.6 to 11.7 | 4.1 miles | KY501042_03 | 5110003 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | zation, Surface Mining |
| | | | | | | | | Acid Mine Drainage, |
| | | | | | | | | Inappropriate Waste |
| | | | | | | | | Disposal, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Activities, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| Pond Creek 7.6 to 11.7 | 4.1 miles | KY501042_03 | 5110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | (Permitted), Surface Mining |
| Folid Creek 7.0 to 11.7 | 4.1 1111168 | K1301042_03 | 3110003 | Mullienberg | 3-113 | WAII | Total Dissolved Solids | Willing |
| D 1 C 1 11 7 : 14 4 | 2.7 | 1/3/501042 04 | £110002 | N/ 1.1. 1 | 5 NG | 337 A T T | 0.1 | C. IMC. |
| Pond Creek 11.7 to 14.4 | 2.7 miles | KY501042_04 | 5110003 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Coal Mining |
| | | | | | | | | |
| Pond Creek 11.7 to 14.4 | 2.7 miles | KY501042_04 | 5110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| | | | | | | | | Loss of Riparian |
| | | KY490526- | | | | | | Habitat, Non-Irrigated |
| Pond Drain 0.0 to 2.3 | 2.3 miles | 5.8_00 | 5110006 | McLean | 5-PS | WAH | Sedimentation/Siltation | Crop Production |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|-------------|--------------|-----------------|--------------|------------|----------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | KY490526- | | | | | | Non-Irrigated Crop |
| Pond Drain 0.0 to 2.3 | 2.3 miles | 5.8_00 | 5110006 | McLean | 5-PS | WAH | Total Dissolved Solids | Production |
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | 5110006 | Hopkins | 5-PS | WAH | Iron | Surface Mining |
| | | | | | | | | |
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | 5110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | # 440006 | | | | | Hydromodification, |
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | 5110006 | Hopkins | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | Coal Mining |
| | | | | | | | | (Subsurface), Habitat |
| | | | | | | | | |
| | | | | | | | | |
| Pond River 20 8 to 31 1 | 10 3 miles | KY501053 03 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | |
| 1 010 10 10 20 10 21 11 | 10.5 111165 | 111201033_03 | 3110000 | Withheliberg | 315 | ******** | Sedimentation, Stration | |
| | | | | | | | | other than |
| Pond River 61.2 to 71.4 | 10.2 miles | KY501053_05 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Hydromodification |
| Pond Run 0.0 to 6.8 | 6.8 miles | KY501057_01 | 5110004 | Ohio | 5-PS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Acid Mine Drainage, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Post- |
| | | | | | | | | |
| | | | | | | | | |
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_00 | 5110003 | Ohio | 5-NS | WAH | Sedimentation/Siltation | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Render Creek 0.0 to 3.6 | 3.6 miles | KV501725 00 | 5110003 | Ohio | 5-NS | WAH | Total Dissolved Solids | |
| KCHUCI CIECK U.U IU 3.0 | J.0 IIIIE8 | K1301/23_00 | 5110005 | Oillo | 2-110 | VV /\\ | Total Dissulved Solids | |
| Rhodes Creek 0.0 to | | | | | | | | |
| | 1.9 miles | KY501760 00 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | |
| | | | | Ohio Ohio | | | | Hydromodification Source Unknown Acid Mine Drainage, Channelization, Loss of |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|-----------|------------|-------------|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Rhodes Creek 0.0 to 2.2 | 2.2 miles | KY501759_01 | 5110005 | 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 | 5110005 | 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 | 5110005 | 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 | 5110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Streambank Modifications/Destabili zation |
| Richland Slough 0.0 to 4.9 | 4.9 miles | KY501825_00 | 5110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Non- Irrigated Crop Production |
| Robinson Creek 8.8 to 10.8 | 2 miles | KY502090_01 | 5110001 | Taylor | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Non-Point Source |
| Robinson Creek 8.8 to 10.8 | 2 miles | KY502090_01 | 5110001 | Taylor | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Non-Point Source |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | 5110004 | McLean | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Source Unknown |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | 5110004 | McLean | 5-NS | WAH | Iron | Source Unknown |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | 5110004 | McLean | 5-NS | WAH | Lead | Source Unknown |
| Rough River 125.2 to 149.4 | 24.2 miles | KY502390_06 | 5110004 | Hardin | 5-PS | PCR | Fecal Coliform | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|---------|------------|------------|-------------|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Rough River 55.1 to 64.3 | 9.2 miles | KY502390_04 | 5110004 | Ohio | 5-NS, 5-NS | PCR, SCR | Fecal Coliform | Source Unknown |
| Rough River 55.1 to 64.3 | 9.2 miles | KY502390_04 | 5110004 | Ohio | 5-NS | WAH | Iron | Source Unknown |
| Salt Lick Creek 0.0 to 1.4 | 1.4 miles | KY502826_00 | 5110002 | Warren | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Salt Lick Creek 0.0 to 1.4 | 1.4 miles | KY502826_00 | 5110002 | Warren | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| Sand Lick Creek 0.0 to 4.0 | 4 miles | KY502963_00 | 5110003 | Muhlenberg | 5-PS | WAH | Cause Unknown | Source Unknown |
| Skaggs Creek 5.5 to 23.3 | 17.8 miles | KY503595_01 | 5110002 | Barren | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Fork of Beaver Creek 0.0 to 3.2 | 3.2 miles | KY503906_01 | 5110002 | Barren | 5-PS | WAH | Cause Unknown | Highway/Road/Bridge Runoff (Non- Construction Related), Source Unknown |
| South Fork of Little Barren River 23.1 to 30.1 | 7 miles | KY503933_02 | 5110001 | Metcalfe | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| South Fork of Little Barren River 23.1 to 30.1 | 7 miles | KY503933_02 | 5110001 | Metcalfe | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| South Fork of Panther | | | | | | | | Irrigated Crop Production, Loss of Riparian Habitat, Non- Irrigated Crop Production, Silviculture Harvesting, Streambank Modifications/Destabili |
| Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | 5110005 | Daviess | 5-PS | WAH | Copper | zation |

| Waterlands & Comment | T-4-1 C: | Waterday day ID | 8-Digit | Country | Assessment | TT | I | Constant Constant |
|-----------------------|------------|-----------------|---------|----------|------------|------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| South Fork of Panther | 2.4 :1 | 1/3/202020 01 | 5110005 | ъ. | 5 NG | DCD | F 10.116 | C II 1 |
| Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Irrigated Crop Production, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Silviculture |
| | | | | | | | | Harvesting, Streambank |
| South Fork of Panther | | | | | | | Nutrient/Eutrophication | Modifications/Destabili |
| Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | 5110005 | Daviess | 5-PS | WAH | Biological Indicators | zation |
| | | _ | | | | | <u> </u> | Irrigated Crop |
| | | | | | | | | Production, Loss of |
| | | | | | | | | Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Silviculture |
| | | | | | | | | Harvesting, Streambank |
| South Fork of Panther | 2.4 :1 | 1717502020 01 | 5110005 | . | 5 DG | **** | DI 1 (T 1) | Modifications/Destabili |
| Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | zation |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Loss of Riparian Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Silviculture |
| | | | | | | | | Harvesting, Streambank |
| South Fork of Panther | | | | | | | | Modifications/Destabili |
| Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | zation |
| South Fork of Panther | | | | | | | | |
| Creek 14.0 to 18.3 | 4.3 miles | KY503939_04 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Fork of Panther | | | | | | | | |
| Creek 2.4 to 9.55 | 7.15 miles | KY503939_02 | 5110005 | Daviess | 5-NS | WAH | Cause Unknown | Source Unknown |
| South Fork of Panther | | | | | | | | Managed Pasture |
| Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | 5110005 | Daviess | 5-NS | PCR | Fecal Coliform | Grazing |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|-----------------|-----------------|-----------|---------------------------------------|-----------|---------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | Ž | | j | , , , , , , , , , , , , , , , , , , , | | • | Irrigated Crop |
| | | | | | | | | Production, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| South Fork of Panther | | ***** | | | | | | Irrigated Crop |
| Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Production |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, Irrigated Crop |
| | | | | | | | | Production, Managed |
| | | | | | | | | Pasture Grazing, Non- |
| South Fork of Panther | | | | | | | | Irrigated Crop |
| Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| Sputzman Creek 1.3 to | | | | | | | Nutrient/Eutrophication | Livestock (Grazing or |
| 4.4 | 3.1 miles | KY504196_00 | 5110005 | Henderson | 5-PS | WAH | Biological Indicators | Feeding Operations) |
| | | | | | | | | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, Streambank |
| Sunfish Creek 6.8 to | | | | | | | | Modifications/Destabili |
| 10.3 | 3.5 miles | KY504792_00 | 5110001 | Grayson | 5-PS | WAH | Sedimentation/Siltation | zation |
| 10.3 | 3.5 nmes | 11304772_00 | 3110001 | Grayson | 315 | VV 2 11 1 | Sedifficitation/Situation | Irrigated Crop |
| | | | | | | | | Production, Non- |
| Sweepstakes Branch | | | | | | | Nutrient/Eutrophication | Irrigated Crop |
| 1.0 to 4.0 | 3 miles | KY504845_00 | 5110005 | Daviess | 5-PS | WAH | Biological Indicators | Production |
| | | | | | | | - | Habitat Modification - |
| Sycamore Creek 0.0 to | | | | | | | | other than |
| 1.6 | 1.6 miles | KY504864_00 | 5110001 | Edmonson | 5-NS | WAH | Cause Unknown | Hydromodification |
| | | | | | | | | Managed Pasture |
| | | *************** | # 440001 | | 5 370 | **** | | Grazing, Unspecified |
| Taylor Fork 0.0 to 4.0 | 4 miles | KY505019_00 | 5110001 | Grayson | 5-NS | WAH | Sedimentation/Siltation | Urban Stormwater |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--|------------|----------------------|----------------|------------|---------------------|-----|--|--|
| Three Lick Fork 0.0 to 3.3 | 3.3 miles | KY505247_00 | 5110004 | 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 | 5110004 | Ohio | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Non- Irrigated Crop Production, Surface Mining |
| Town Branch 0.0 to 6.2 | 6.2 miles | KY505385_01 | 5110003 | Logan | 5-NS | FC | Polychlorinated biphenyls | Industrial Point Source Discharge |
| UT of Cypress Creek 0.0 to 3.4 | 3.4 miles | KY490526- 26.1_01 | 5110006 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| UT of Cypress Creek 0.0 to 3.4 | 3.4 miles | KY490526- 26.1_01 | 5110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Butler Branch 0.0 to 1.7 | 1.7 miles | KY488506- 1.3_00 | 5110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Managed Pasture Grazing |
| UT to Cool Springs Creek 0.0 to 1.6 | 1.6 miles | KY490021- 2.6_00 | 5110001 | Adair | 5-NS | WAH | Sedimentation/Siltation | Agriculture, Loss of Riparian Habitat |
| UT to Cypress Creek 0.0 to 1.45 | 1.45 miles | KY490526- 28.6_01 | 5110006 | Muhlenberg | 5-PS | PCR | Escherichia coli | Source Unknown |
| UT to Cypress Creek | | KY490526- | | | | | | Irrigated Crop Production, Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Unspecified Urban |
| 0.0 to 1.45 | 1.45 miles | 28.6_01 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Stormwater |
| UT to Cypress Creek 0.0 to 1.45 | 1.45 miles | KY490526- 28.6_01 | 5110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Coal Mining |
| UT to Cypress Creek 0.0 to 1.1 | 1.1 miles | KY490526- 29.5_01 | 5110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |

| | | | 8-Digit | | Assessment | | | |
|--------------------------------|-------------|--------------|---------|--------------|------------|---|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , j | 10tal Size | KY490526- | 1100 | County | Category | 030 | тпрантист | Suspected Source(s) |
| UT to Cypress Creek 0.0 to 3.0 | 3 miles | 26.3_01 | 5110006 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| 0.0 to 3.0 | 3 IIIIes | 20.5_01 | 3110000 | Mumemberg | 3-183 | PCK | Escherichia con | Source Unknown |
| LITT . C. C. 1 | | 1/3/400526 | | | | | NT (1 (ME) (1) (1 | A ' L T C |
| UT to Cypress Creek 0.0 to 8.1 | 0 1:1 | KY490526- | £110006 | Marklankana | 5-PS | XX7 A T T | Nutrient/Eutrophication | Agriculture, Loss of |
| 0.0 to 8.1 | 8.1 miles | 16.8_01 | 5110006 | Muhlenberg | 5-PS | WAH | Biological Indicators | Riparian Habitat |
| | | | | | | | | Agriculture, Channelization, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Streambank |
| UT to Cypress Creek | | KY490526- | | | | | | Modifications/Destabili |
| 0.0 to 8.1 | 8.1 miles | 16.8_01 | 5110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | zation |
| 0.0 to 8.1 | 6.1 IIIIIes | 10.6_01 | 3110000 | Mullieliberg | J-F3 | WAII | Sedimentation/Siltation | Loss of Riparian |
| | | | | | | | | Habitat, Site Clearance |
| | | | | | | | | (Land Development or |
| UT to Drakes Creek 0.0 | | KY491097- | | | | | Nutrient/Eutrophication | Redevelopment), Urban |
| to 2.2 | 2.2 miles | 9.8_01 | 5110006 | Hopkins | 5-PS | WAH | Biological Indicators | Runoff/Storm Sewers |
| 10 2.2 | 2.2 IIIIIes | 9.0_01 | 3110000 | Поркиз | J-F 3 | WAII | Diological filulcators | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, Site |
| | | | | | | | | Clearance (Land |
| | | | | | | | | Development or |
| UT to Drakes Creek 0.0 | | KY491097- | | | | | | Redevelopment), Urban |
| to 2.2 | 2.2 miles | 9.8_01 | 5110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Runoff/Storm Sewers |
| 10 2.2 | 2.2 miles | 7.0_01 | 3110000 | Поркиз | 310 | *************************************** | Seamentation/Situation | Sanitary Sewer |
| UT to Elk Creek 0.0 to | | KY491656- | | | | | | Overflows (Collection |
| 1.0 | 1 miles | 8.8_01 | 5110006 | Hopkins | 5-NS | PCR | Fecal Coliform | System Failures) |
| 1.0 | 1 mmes | 0.0_01 | 3110000 | Поркиз | 3 113 | TCK | 1 ccar comorni | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, |
| UT to ElK Creek 0.0 to | | KY491656- | | | | | Nutrient/Eutrophication | Unrestricted Cattle |
| 2.6 | 2.6 miles | 6.0_01 | 5110006 | Hopkins | 5-PS | WAH | Biological Indicators | Access |
| | | | 3 | | | | , <u>B</u> | Agriculture, |
| | | | | | | | | Channelization, Loss of |
| | | | | | | | | Riparian Habitat, |
| UT to ElK Creek 0.0 to | | KY491656- | | | | | | Unrestricted Cattle |
| 2.6 | 2.6 miles | 6.0_01 | 5110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Access |

| | | | 8-Digit | | Assessment | | | |
|---|-------------|---------------------|---------|------------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to ElK Creek 0.0 to | | KY491656- | | | | | | |
| 2.6 | 2.6 miles | 6.0_01 | 5110006 | Hopkins | 5-PS | WAH | Specific Conductance | Agriculture |
| UT to Flat Creek 0.0 to | | KY492181- | | | | | | |
| 3.1 | 3.1 miles | 1.9_01 | 5110006 | Hopkins | 5-NS | WAH | Cause Unknown | Surface Mining |
| IIII C 121 | | 1737.402.101 | | | | | | Sanitary Sewer |
| UT to Flat Creek 3.1 to 4.1 | 1 miles | KY492181- 1.9_02 | 5110006 | Hopkins | 5-NS | PCR | Fecal Coliform | Overflows (Collection System Failures) |
| | 1 IIIIIes | | 3110000 | поркиз | 3-113 | PCR | recai Collioriii | System ranures) |
| UT to Little Cypress Creek 0.0 to 1.75 | 1.75 miles | KY496701- 3.1_01 | 5110006 | Muhlanhana | 5-NS | WAH | Specific Conductance | Coal Mining |
| | 1.75 Illies | | 3110000 | Muhlenberg | 3-113 | WAI | Specific Conductance | Coai willing |
| UT to Little Cypress Creek 0.0 to 3.25 | 3.25 miles | KY496701- | 5110002 | Muhlanhana | 5-NS | PCR | Escherichia coli | Source Unknown |
| | 3.23 IIIIes | 4.0_01 | 3110002 | Muhlenberg | 3-113 | rck | Eschericina con | Source Ulikilowii |
| UT to Little Cypress Creek 0.0 to 3.25 | 2 25:1 | KY496701- | 5110002 | Marialanda | 5-NS | 337 A T T | Caraitia Candantana | Caal Minina |
| | 3.25 miles | 4.0_01 | 3110002 | Muhlenberg | 3-NS | WAH | Specific Conductance | Coal Mining |
| UT to Pond Creek 0.0 to 2.4 | 2.4 miles | KY493284- | 5110003 | Muhlanhana | 5-NS | WAH | Cause Unknown | Cunfo ao Minina |
| 10 2.4 | 2.4 IIIIes | 47.3-8.8_00 | 3110003 | Muhlenberg | 3-113 | WAI | Cause Unknown | Surface Mining |
| | | ********** | | | | | NY . 1 | |
| UT to Richland Creek 0.0 to 1.7 | 1.7 miles | KY501819- | 5110002 | Butler | 5-NS | WAH | Nutrient/Eutrophication | A ami austruma |
| | 1.7 miles | 2.0_01 | 3110002 | Butter | 3-NS | WAH | Biological Indicators | Agriculture |
| UT to Richland Creek | 1 7:1 | KY501819- | £110002 | D41 | 5-NS | 337 A T T | C - 1: | Agriculture, Loss of |
| 0.0 to 1.7 | 1.7 miles | 2.0_01 | 5110002 | Butler | 3-NS | WAH | Sedimentation/Siltation | Riparian Habitat |
| UT to UT of Little | | ***** | | | | | | |
| Cypress Creek 0.0 to | 2.6 | KY496701- | £110002 | M 1.11 | 5 NG | DCD | T1 | C II-1 |
| 2.6 | 2.6 miles | 0.9-4.0_01 | 5110002 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| UT to UT of Little | | ****** | | | | | | |
| Cypress Creek 0.0 to | 26 3 | KY496701- | £110003 | 36.11.1 | 5 NG | 337 A T T | G :C G 1 . | C INC: |
| 2.6 | 2.6 miles | 0.9-4.0_01 | 5110002 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| | | | | | | | | Agriculture, Loss of Riparian Habitat, |
| | | KY506405- | | | | | Nutrient/Eutrophication | Unrestricted Cattle |
| UT to West Bays Fork | 1 miles | 1.6_01 | 5110002 | Allen | 5-PS | WAH | Biological Indicators | Access |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|-----------------|------------|------------|------------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | j | | | <u> </u> | | • | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destabili |
| | | KY506405- | ~11000 0 | | - DG | **** | G 11 (G11) | zation, Unrestricted |
| UT to West Bays Fork | 1 miles | 1.6_01 | 5110002 | Allen | 5-PS | WAH | Sedimentation/Siltation | Cattle Access |
| | | KY506405- | | | | | | Agriculture, Unrestricted Cattle |
| UT to West Bays Fork | 1 miles | 1.6_01 | 5110002 | Allen | 5-PS | WAH | Specific Conductance | Access |
| OT to West Bays Fork | 1 IIIIIes | 1.0_01 | 3110002 | Alleli | 3-13 | WAII | Specific Conductance | Habitat Modification - |
| UT to West Fork of | | KY506436- | | | | | | other than |
| Lewis Creek 0.0 to 2.2 | 2.2 miles | 1.4_00 | 5110003 | Ohio | 5-NS | WAH | Cause Unknown | Hydromodification |
| UT to Wiggington | 2.2 111100 | KY506716- | 0110000 | o in o | 5 115 | ,,,,,,,,,, | Caase Chime wh | Tij di omo di i davion |
| Creek 0.9 to 1.9 | 1 miles | 3.5_00 | 5110002 | Logan | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT toLittle Cypress | Times | KY496701- | 3110002 | Logun | 3 1 (5 | ******* | Caase Chane wh | Source Chance wit |
| Creek 0.0 to 1.75 | 1.75 miles | 3.1_01 | 5110006 | Muhlenberg | 5-NS | PCR | Escherichia coli | Source Unknown |
| Valley Creek 0.0 to 3.6 | 3.6 miles | KY505940 01 | 5110001 | Hardin | 5-PS | WAH | Cause Unknown | Source Unknown |
| valicy creek 0.0 to 5.0 | 3.0 miles | K1303740_01 | 3110001 | Traidin | 3-13 | WAII | Cause Chikhowh | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Livestock (Grazing or |
| | | | | | | | | Feeding Operations), |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Streambank |
| Valley Creek 8.4 to | 2.4 | 1/3/505040 02 | £110001 | TT1" | 5 NO | 337 A T T | Constitution of | Modifications/Destabili |
| 10.8 | 2.4 miles | KY505940_02 | 5110001 | Hardin | 5-NS | WAH | Cause Unknown | zation |
| | | | | | | | | Crop Production (Crop Land or Dry Land), |
| | | | | | | | | Industrial Point Source |
| | | | | | | | | Discharge, Livestock |
| Valley Creek 8.4 to | | | | | | | Nutrient/Eutrophication | (Grazing or Feeding |
| 10.8 | 2.4 miles | KY505940_02 | 5110001 | Hardin | 5-NS | WAH | Biological Indicators | Operations) |

| | | | 8-Digit | | Assessment | | | |
|---------------------|------------|--------------|---------|-----------|------------|--------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | 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 |
| Valley Creek 8.4 to | | | | | | | | Modifications/Destabili |
| 10.8 | 2.4 miles | KY505940_02 | 5110001 | Hardin | 5-NS | WAH | Sedimentation/Siltation | zation |
| | | | | | | | | Industrial Point Source |
| | | | | | | | | Discharge, Unpermitted |
| | | | | | | | | Discharge |
| West Fork of Drakes | | | | | | | | (Industrial/Commercial |
| Creek 0.0 to 23.3 | 23.3 miles | KY506431_01 | 5110002 | Simpson | 5-PS | FC | PCB in Fish Tissue | Wastes) |
| West Fork of Drakes | | | | | | | | Industrial Point Source |
| Creek 26.7 to 32.1 | 5.4 miles | KY506431_02 | 5110002 | Simpson | 5-PS | FC | PCB in Fish Tissue | Discharge |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, Wet |
| | | | | | | | | Weather Discharges (Point Source and |
| | | | | | | | | Combination of |
| West Fork of Pond | | | | | | | | Stormwater, SSO or |
| River 1.6 to 8.7 | 7.3 miles | KY506444_01 | 5110006 | Christian | 5-PS | WAH | Cause Unknown | CSO) |
| 10,011,010 0.7 | 7.3 111103 | 111300111_01 | 2110000 | Cinibuun | 3 1 5 | 777111 | Cuase Chilliown | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| West Fork of Pond | | | | | | | | Livestock (Grazing or |
| River 20.3 to 26.0 | 5.7 miles | KY506444_03 | 5110006 | Christian | 5-NS | WAH | Cause Unknown | Feeding Operations) |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|---------|------------|-----------|-------------------------|---------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| Wolf Branch Ditch 0.0 | | KY501759- | | | | | Nutrient/Eutrophication | Irrigated Crop |
| to 4.1 | 4.1 miles | 2.6_00 | 5110005 | Daviess | 5-PS | WAH | Biological Indicators | Production |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Non- |
| Wolf Branch Ditch 0.0 | | KY501759- | | | | | | Irrigated Crop |
| to 4.1 | 4.1 miles | 2.6_00 | 5110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Production |
| | | | | | | | | Channelization, |
| | | | | | | | | Irrigated Crop |
| | | | | | | | | Production, Loss of |
| Walf Door ab Ditab 0.0 | | VV501750 | | | | | | Riparian Habitat, Non- |
| Wolf Branch Ditch 0.0 | 4.1:1 | KY501759- | £11000£ | Daviess | 5 DC | XX7 A T T | Sedimentation/Siltation | Irrigated Crop Production |
| to 4.1 | 4.1 miles | 2.6_00 | 5110005 | Daviess | 5-PS | WAH | Sedimentation/Sittation | Production |
| | | | | | | | | |
| Wolf Lick Creek 0.0 to | | | | | | | Nutrient/Eutrophication | Agriculture, Silviculture |
| 14.6 | 14.6 miles | KY507017_01 | 5110003 | Logan | 5-PS | WAH | Biological Indicators | Activities |
| Wolf Lick Creek 0.0 to | | | | | | | | |
| 14.6 | 14.6 miles | KY507017_01 | 5110003 | Logan | 5-PS | WAH | Oxygen, Dissolved | Agriculture |
| | | | | | | | | Agriculture, Silviculture |
| | | | | | | | | Activities, Streambank |
| Wolf Lick Creek 0.0 to | | | | | | | | Modifications/Destabili |
| 14.6 | 14.6 miles | KY507017_01 | 5110003 | Logan | 5-PS | WAH | Sedimentation/Siltation | zation |

| | Total | | 8-Digit | | Assessment | | | |
|--|---------------|-----------------------|---------|---------|------------|-----|--|---------------------|
| Waterbody & Segment | Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Goodman Springs (9000-0230) | 1 miles | KY499512- 59.65_00 | 5110001 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| Goren Mill Spring (9000-0793) | 1 miles | KY493284- 226.7_00 | 5110001 | Hart | 5-NS | PCR | Escherichia coli | Source Unknown |
| Goren Mill Spring (9000-0793) | 1 miles | KY493284- 226.7_00 | 5110001 | Hart | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Graham Spring (9000-0051) | 1 miles | KY517526- 34.65_00 | 5110002 | Warren | 5-PS | PCR | Escherichia coli | Source Unknown |
| Graham Spring (9000-0051) | 1 miles | KY517526- 34.65_00 | 5110002 | Warren | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Head of Rough River Spring 154.85 to 155.8 | 0.95 miles | KY502390_07 | 5110004 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| Head of Rough River Spring 154.85 to 155.8 | 0.95 miles | KY502390_07 | 5110004 | Hardin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Lost River Rise (9000-0054) | 1 miles | KY495207- 3.2_00 | 5110002 | Warren | 5-NS | PCR | Escherichia coli | Source Unknown |
| Mahurin Spring (9000-0202) | 1 miles | KY504135- 4.35_00 | 5110004 | Grayson | 5-NS | PCR | Escherichia coli | Source Unknown |
| McCoy Bluehole Spring (9000-0792) | 1 miles | KY493284- 212.7_00 | 5110001 | Hart | 5-NS | PCR | Escherichia coli | Source Unknown |
| Mill Spring (9000-1193) | 1 miles | KY499512- 38.7_00 | 5110001 | Grayson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Nolynn Spring (9000-2673) | 1 miles | KY499559- 1.3_00 | 5110001 | Larue | 5-NS | PCR | Escherichia coli | Source Unknown |
| Nolynn Spring (9000-2673) | 1 miles | KY499559- 1.3_00 | 5110001 | Larue | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------|---------------|----------------------|----------------|--------|---------------------|-----|-------------------------|---------------------|
| Skees KW#1 (9000-1398) | 1 miles | KY499512- 79.0_00 | 5110001 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| | | KY499512- | | | | | Nutrient/Eutrophication | |
| Skees KW#1 (9000-1398) | 1 miles | 79.0_00 | 5110001 | Hardin | 5-PS | WAH | Biological Indicators | Source Unknown |

Green-Tradewater Basin Unit 303(d) List Green River Basin Lakes

| | | | 8-Digit | | Assessment | | | Suspected |
|-------------------------------|------------|--------------|---------|------------|------------|------|-------------------------|------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Source(s) |
| | | , | | • | | | | Natural Sources, |
| | | | | | | | | Upstream |
| Campbellsville City Reservoir | 63 acres | KYCLN007_00 | 5110001 | Taylor | 5-PS | SCR | Sedimentation/Siltation | Source |
| | | | | | | | | |
| | | | | | | DWS, | Nutrient/Eutrophication | |
| Caneyville City Reservoir | 75 acres | KY488877_00 | 5110004 | Grayson | 5-PS, 5-PS | SCR | Biological Indicators | Natural Sources |
| | | | | | | | | Shallow |
| | | | | | | | | Lake/Reservoir |
| Caneyville City Reservoir | 75 acres | KY488877_00 | 5110004 | Grayson | 5-PS | SCR | Sedimentation/Siltation | Basin |
| | | | | | | | | Source |
| Green River Reservoir | 8210 acres | KY493295_00 | 5110001 | Taylor | 5-PS | FC | Mercury in Fish Tissue | Unknown |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source |
| Green River Reservoir | 8210 acres | KY493295_00 | 5110001 | Taylor | 5-PS | FC | PCB in Fish Tissue | Discharge |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | Source |
| Lake Luzerne | 55 acres | KY497358_00 | 5110003 | Muhlenberg | 5-PS | DWS | Biological Indicators | Unknown |
| | | | | | | | | Source |
| Lake Malone | 826 acres | KY497476_00 | 5110003 | Logan | 5-PS | FC | Mercury in Fish Tissue | Unknown |
| | | | | | | | | Source |
| Rough River Reservoir | 5100 acres | KY502953_00 | 5110004 | Hardin | 5-PS | FC | Mercury in Fish Tissue | Unknown |
| | | | | | | | Š | |
| Spa Lake | 240 acres | KYCLN005_00 | 5110003 | Logan | 5-PS | SCR | Sedimentation/Siltation | Natural Sources |

| | | | 8-Digit | | Assessment | | | Suspected |
|-------------------------|------------|--------------|-------------------|-----------------|------------|------|-------------------------|-------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Source(s) |
| | | | | | | | <u> </u> | |
| | | | | | | | Nutrient/Eutrophication | |
| Bayou Creek 0.0 to 19.1 | 19.1 miles | KY510435_00 | 5140203 | Livingston | 5-NS | WAH | Biological Indicators | Source Unknown |
| | | | | | | | Organic Enrichment | |
| | | | | | | | (Sewage) Biological | |
| Bayou Creek 0.0 to 19.1 | 19.1 miles | KY510435_00 | 5140203 | Livingston | 5-NS | WAH | Indicators | Source Unknown |
| | | | | | | | | Loss of Riparian |
| Bayou Creek 0.0 to 19.1 | 19.1 miles | KY510435_00 | 5140203 | Livingston | 5-NS | WAH | Sedimentation/Siltation | Habitat |
| | | | | | | | | Managed Pasture |
| | | | | | | | NY | Grazing, |
| D D 16, 10 | 0.0 '1 | WW.406577 00 | 51 40 2 01 | D 1: :1 | 7 NG | **** | Nutrient/Eutrophication | Silviculture |
| Bear Run 1.6 to 1.9 | 0.3 miles | KY486575_00 | 5140201 | Breckinridge | 5-NS | WAH | Biological Indicators | Harvesting |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Managed |
| | | | | | | | | Pasture Grazing, |
| Bear Run 1.6 to 1.9 | 0.3 miles | WW496575 00 | 5140201 | Dun alaimui dan | 5-NS | WAH | Sedimentation/Siltation | Silviculture |
| Bear Rull 1.0 to 1.9 | 0.5 lilles | KY486575_00 | 3140201 | Breckinridge | 3-113 | WAH | Sedimentation/Sittation | Harvesting Agriculture, Crop |
| | | | | | | | | Production (Crop |
| | | | | | | | | Land or Dry |
| | | | | | | | Nutrient/Eutrophication | Land of Dry Land), Loss of |
| Bell Ditch 0.0 to 2.8 | 2.8 miles | KY486792_01 | 5140201 | Daviess | 5-NS | WAH | Biological Indicators | Riparian Habitat |
| Bell Ditell 0.0 to 2.8 | 2.6 iiiics | K1400792_01 | 3140201 | Daviess | 3-113 | WAII | Diological filulcators | Agriculture, |
| | | | | | | | | Channelization, |
| | | | | | | | | Crop Production |
| | | | | | | | | (Crop Land or |
| | | | | | | | | Dry Land), Loss |
| | | | | | | | | of Riparian |
| | | | | | | | | Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/De |
| Bell Ditch 0.0 to 2.8 | 2.8 miles | KY486792_01 | 5140201 | Daviess | 5-NS | WAH | Sedimentation/Siltation | stabilization |

| | | | 8-Digit | | Assessment | | | Suspected |
|----------------------------|------------|--------------|---------|-----------|--------------|------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Source(s) |
| | | | | | | | | |
| Blackford Creek 0.2 to 4.0 | 3.8 miles | KY487412_01 | 5140201 | Hancock | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | |
| Blackford Creek 4.0 to 8.4 | 4.4 miles | KY487412_02 | 5140201 | Hancock | 5-PS | WAH | Cause Unknown | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Chromium (total) | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Copper | Source Unknown |
| | | | | | | PCR, | | |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS, 5-NS | SCR | Fecal Coliform | Source Unknown |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | Non-Irrigated |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Biological Indicators | Crop Production |
| | | | | | | | | Package Plant or |
| | | | | | | | Organic Enrichment | Other Permitted |
| | 0.5 " | ****** | ~ | ** 1 | 5 370 | **** | (Sewage) Biological | Small Flows |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Indicators | Discharges |
| | | | | | | | | Non-Irrigated Crop Production, |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Discharges |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | 5140202 | Henderson | 5-NS | WAH | Zinc | Source Unknown |
| | | | | | | | | Drainage/Filling/ |
| | | | | | | | | Loss of Wetlands, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Production |
| | | | | | | | | Activities |
| Casey Creek 0.6 to 9.7 | 9.1 miles | KY489044_00 | 5140202 | Union | 5-NS | WAH | Total Dissolved Solids | (Permitted) |

| | | | 8-Digit | | Assessment | | | Suspected |
|----------------------------|------------|--------------|---------|--------------|--|------|-------------------------|--------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Source(s) |
| | | | | | | | | Crop Production |
| | | | | | | | | (Crop Land or |
| | | | | | | | | Dry Land), |
| | | | | | | | | Impacts from |
| | | | | | | | | Hydrostructure |
| | | | | | | | | Flow |
| | | | | | | | | Regulation/Modif |
| | | | | | | | | ication, Livestock |
| | | | | | | | | (Grazing or |
| | | ******** | | | | | | Feeding |
| Clover Creek 7.7 to 9.2 | 1.5 miles | KY489703_00 | 5140201 | Breckinridge | 5-PS | WAH | Sedimentation/Siltation | Operations) |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | |
| Crooked Creek 0.0 to 12.1 | 12.1 miles | KY511649_01 | 5140203 | Crittenden | 5-PS | WAH | Biological Indicators | Source Unknown |
| | | ******** | ~ | | ~ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | D CD | T 10 110 | |
| Crooked Creek 12.1 to 26.4 | 14.3 miles | KY511649_02 | 5140203 | Crittenden | 5-NS | PCR | Fecal Coliform | Source Unknown |
| | | | | | | | | Crop Production |
| | | | | | | | Nutrient/Eutrophication | (Crop Land or |
| Crooked Creek 12.1 to 26.4 | 14.3 miles | KY511649_02 | 5140203 | Crittenden | 5-NS | WAH | Biological Indicators | Dry Land) |
| | | | | | | | | Municipal Point |
| | | | | | | | | Source |
| | | | | | | | | Discharges, |
| | | | | | | | Organic Enrichment | Urban |
| | | | | | | | (Sewage) Biological | Runoff/Storm |
| Crooked Creek 12.1 to 26.4 | 14.3 miles | KY511649_02 | 5140203 | Crittenden | 5-NS | WAH | Indicators | Sewers |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---|-------------|----------------------------|----------------|--------------|---------------------|------|-------------------------|--------------------------------------|
| wateroody & Segment | 100015120 | watersoay 12 | 1100 | County | Category | 0.50 | | Highways, Roads, |
| | | | | | | | | Bridges, |
| | | | | | | | | Infrastructure |
| | | | | | | | | (New Construction), |
| | | | | | | | | Municipal Point |
| | | | | | | | | Source |
| | | | | | | | | Discharges, |
| | | | | | | | | Urban |
| Crooked Creek 12.1 to 26.4 | 14.3 miles | VV511640 02 | 5140203 | Crittenden | 5-NS | WAH | Sedimentation/Siltation | Runoff/Storm Sewers |
| Deer Creek 0.0 to 8.1 | 8.1 miles | KY511649_02 KY490770 01 | 5140203 | Livingston | 5-NS | WAH | Cause Unknown | Agriculture |
| Deer Creek 0.0 to 8.1 | 8.1 IIIIles | K1490770_01 | 3140203 | Livingston | 3-113 | WAП | Cause Unknown | Agriculture |
| Dannis O'non Ditab/Cymross | | | | | | | | |
| Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9 | 10.5 miles | KY490527_01 | 5140203 | Union | 5-NS | PCR | Fecal Coliform | Agriculture |
| Creek 0.1 to 10.5 | 10.5 111105 | 111190327_01 | 3110203 | Cinon | 3 110 | TOR | 1 ccar comorni | rigiteurate |
| | | | | | | | Nutrient/Eutrophication | |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | 5140203 | Livingston | 5-PS | WAH | Biological Indicators | Agriculture |
| | | | | | | | | Crop Production |
| | | | | | | | | (Crop Land or |
| | | | | | | | | Dry Land), Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/De |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | 5140203 | Livingston | 5-PS | WAH | Sedimentation/Siltation | stabilization |
| | | | | | | | | |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | 5140203 | Livingston | 5-PS | WAH | Specific Conductance | Agriculture |
| Fact Fauls of Compa Court | | | | | | | | Drought-Related |
| East Fork of Canoe Creek 0.0 to 4.4 | 4.4 miles | KY491444_01 | 5140202 | Henderson | 5-PS | WAH | Oxygen, Dissolved | Impacts, Loss of Riparian Habitat |
| East Fork of Canoe Creek | 7.7 IIIICS | 18.1 7/1777_01 | 3170202 | Tichidei son | 313 | WAII | Oxygen, Dissolved | Agriculture, |
| 0.0 to 4.4 | 4.4 miles | KY491444_01 | 5140202 | Henderson | 5-PS | WAH | Sedimentation/Siltation | Channelization |

| | | | 8-Digit | | Assessment | | | Suspected |
|----------------------------|---------------|--------------|---------|------------|------------|------|-------------------------|-------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Source(s) |
| | | | | | | | • | Crop Production |
| | | | | | | | | (Crop Land or |
| | | | | | | | | Dry Land), Loss |
| | | | | | | | | of Riparian |
| | | | | | | | | Habitat, |
| | | | | | | | | Streambank |
| Goose Pond Ditch/Wardens | | KY452377- | | | | | | Modifications/De |
| Slough 0.0 to 13.6 | 13.6 miles | 114.5_00 | 5140203 | Union | 5-NS | WAH | Cause Unknown | stabilization |
| | | | | | | | | Agriculture, |
| | | | | | | | | Highways, Roads, |
| | | | | | | | | Bridges, |
| | | | | | | | | Infrastructure |
| | | | | | | | | (New |
| | | | | | | | | Construction), |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/De |
| Highland Creek 0.0 to 7.6 | 7.6 miles | KY494210_01 | 5140202 | Union | 5-PS | WAH | Cause Unknown | stabilization |
| | | | | | | | | Agriculture, Loss |
| W | 5 6 11 | ************ | ~ | ** . | # N/G | D CD | T 10 110 | of Riparian |
| Highland Creek 0.0 to 7.6 | 7.6 miles | KY494210_01 | 5140202 | Union | 5-NS | PCR | Fecal Coliform | Habitat |
| | | | | | | PCR, | | |
| Highland Creek 7.6 to 21.4 | 13.8 miles | KY494210_02 | 5140202 | Henderson | 5-NS, 5-NS | SCR | Fecal Coliform | Agriculture |
| | | | | | | | | Coal Mining |
| | | | | | | | | (Subsurface), |
| | | | | | | | | Petroleum/Natural |
| Highland Creek 7.6 to 21.4 | 13.8 miles | KY494210_02 | 5140202 | Henderson | 5-NS | WAH | Iron | Gas Activities |
| | | | | | | | | Agriculture, Loss |
| | | | | | | | | of Riparian |
| | | | | | | | | Habitat, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/De |
| Sadler Creek 0.0 to 2.4 | 2.4 miles | KY515171_01 | 5140203 | Livingston | 5-PS | WAH | Sedimentation/Siltation | stabilization |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|----------------|------------|------------|-----|-------------------------|------------------------|
| waterbody & Segment | Total Size | waterbody ID | Hoc | County | Category | USE | Ппрантнеш | Channelization, |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Non- |
| | | | | | | | | Irrigated Crop |
| Sugg Creek 0.0 to 1.3 | 1.3 miles | KY504712_00 | 5140203 | Union | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Non-irrigated |
| | | | | | | | | Crop Production, |
| | | | | | | | | Channelization, |
| | | | | | | | | Loss of Riparian |
| Sugg Creek 0.0 to 1.3 | 1.3 miles | KY504712_00 | 05140203 | Union | 5-NS | WAH | Turbidity | Habitat |
| | | | | | | | | Municipal Point |
| | | KY511649- | | | | | Nutrient/Eutrophication | Source |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | 18.15_00 | 5140203 | Crittenden | 5-PS | WAH | Biological Indicators | Discharges |
| | | | | | | | Organic Enrichment | Municipal Point |
| | | KY511649- | | | | | (Sewage) Biological | Source |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | 18.15_00 | 5140203 | Crittenden | 5-PS | WAH | Indicators | Discharges |
| | | | | | | | | Municipal Point |
| | | KY511649- | | | | | | Source |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | 18.15_00 | 5140203 | Crittenden | 5-PS | WAH | Specific Conductance | Discharges |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------|------------|--------------|----------------|-----------|---------------------|-----|--|---|
| Carpenter Lake | 64 acres | KY488966_00 | 5140201 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Upstream Source |
| Carpenter Lake | 64 acres | KY488966_00 | 5140201 | Daviess | 5-PS | WAH | Oxygen, Dissolved | Agriculture, Upstream Source |
| Scenic Lake | 18 acres | KY503039_00 | 5140202 | Henderson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Contaminated Sediments, Internal Nutrient Recycling |

Green-Tradewater Basin Unit 303(d) List Tradewater River Basin Streams

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|----------|----------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Bishop Ditch 0.0 to 2.7 | 2.7 miles | KYKY0022_00 | 5140205 | 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 | 5140205 | 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 | 05140205 | Webster | 5-NS | WAH | Turbidity | Non-irrigated Crop Production, Animal Feeding Operations (NPS), Surface Mining Channelization, Loss |
| Buffalo Creek 0.0 to 6.8 | 6.8 miles | KY488316_00 | 5140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | of Riparian Habitat, Non-Irrigated Crop Production |
| Buffalo Creek 0.0 to 6.8 | 6.8 miles | KY488316_00 | 5140205 | Hopkins | 5-PS | WAH | Total Dissolved Solids | Source Unknown |
| Bull Creek 0.0 to 1.0 | 1 miles | KY488350_00 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Channelization, Habitat Modification - other than Hydromodification, Non-Irrigated Crop Production |
| Caney Creek 0.0 to 3.3 | 3.3 miles | KY488830_00 | 5140205 | Caldwell | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production, Source Unknown |

Green-Tradewater Basin Unit 303(d) List Tradewater River Basin Streams

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|---------------|---------|-----------|------------|--------|--|------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Non-Irrigated |
| Carrary Carrata 0.04a 2.2 | 2 2:1 | IZV 400020 00 | 5140205 | C-1411 | E NIC | WAH | Sedimentation/Siltation | Crop Production, Source Unknown |
| Caney Creek 0.0 to 3.3 | 3.3 miles | KY488830_00 | 5140205 | Caldwell | 5-NS | WAH, | Sedimentation/Silitation | Source Unknown |
| | | | | | 5-NS, 5- | PCR, | | Acid Mine Drainage, |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | 5140205 | Hopkins | NS, 5-NS | SCR | pН | Surface Mining |
| • | | _ | | 1 | | | • | Acid Mine Drainage, |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | 5140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| | | | | | | | | Acid Mine Drainage, |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | |
| | | | | | | | | Acid Mine Drainage, |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | NT (' (T) (1' (' | N 1 1 1 1 C |
| Caney Fork 3.4 to 7.9 | 4.5 miles | KY488863_00 | 5140205 | Webster | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Irrigated Crop Production |
| Calley Fork 5.4 to 7.9 | 4.3 IIIIES | K1400003_00 | 3140203 | WEDSIEI | 3-13 | WAII | Diological filulcators | Froduction |
| | | | | | | | | Non Irrigated Cran |
| Caney Fork 3.4 to 7.9 | 4.5 miles | KY488863 00 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Non-Irrigated Crop Production |
| Cancy Fork 5.1 to 7.5 | | 111 100005_00 | 3110203 | 11 003101 | 3.15 | 7,7111 | 223IIIOII.autoii/Oiiaatoii | 1100001011 |
| | | | | | | | | |
| | | | | | | | | |
| Castleberry Creek 0.0 | | | | | | | Nutrient/Eutrophication | Managed Pasture |
| to 2.1 | 2.1 miles | KY489704_00 | 5140205 | Christian | 5-PS | WAH | Biological Indicators | Grazing |

Green-Tradewater Basin Unit 303(d) List Tradewater River Basin Streams

| | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|----------|-----------|------------|-----|---|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489704_00 | 5140205 | 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 | 5140205 | Christian | 5-PS | WAH | Total Dissolved Solids | Managed Pasture Grazing |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489704_00 | 05140205 | Christian | 5-PS | WAH | Turbidity | Managed Pasture Grazing, Loss of Riparian Habitat |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | 5140205 | Hopkins | 5-NS | WAH | Cause Unknown | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | 5140205 | Hopkins | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | 5140205 | Hopkins | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | 5140205 | Hopkins | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | 5140205 | Hopkins | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|---------|----------------------|---------------------|---|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | 5140205 | Hopkins | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | 5140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization, Surface Mining |
| Clear Creek 26.2 to 26.5 | 0.3 miles | KY489610_03 | 5140205 | Hopkins | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | 5140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | 5140205 | Hopkins | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Coal Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | 5140205 | Hopkins | 5-NS | WAH | Zinc | Coal Mining |
| Copperas Creek 0.0 to 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Cadmium | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|---|--------------|--------------|---------|----------|------------|--------------|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Copperas Creek 0.0 to | | | | | | | | |
| 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Iron | Source Unknown |
| | | | | | | | | |
| Copperas Creek 0.0 to 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Nickel | Source Unknown |
| 3.0 | 3.0 miles | K1490063_01 | 3140203 | поркиз | 3-113 | | Nickei | Source Unknown |
| Copperas Creek 0.0 to | | | | | 5-NS, 5- | WAH, PCR, | | |
| 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | NS, 5-NS | SCR | pН | Source Unknown |
| | | | | | | | | |
| Copperas Creek 0.0 to | | | | | | | | |
| 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Source Unknown |
| | | | | | | | | |
| Copperas Creek 0.0 to 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Source Unknown |
| 3.0 | 3.0 miles | K1490083_01 | 3140203 | Поркиз | 3-113 | WAII | Total Dissolved Solids | Source Offkhown |
| Copperas Creek 0.0 to | | | | | | | | |
| 3.6 | 3.6 miles | KY490083_01 | 5140205 | Hopkins | 5-NS | WAH | Zinc | Source Unknown |
| | | | | • | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Craborchard Creek | | | | | | | | |
| (including Vaughn Ditch) 0.0 to 14.7 | 14.7 miles | KY490248_01 | 5140205 | Webster | 5-NS | PCR | Fecal Coliform | Source Unknown |
| DIGIT) 0.0 to 14.7 | 14./ 1111168 | K1470240_01 | 3140203 | W COSICI | J-1NO | rck | recai Comorni | Source Ulikilowii |
| | | | | | | | | |
| | | | | | | | | |
| Craborchard Creek 19.2 | | | | | | | Nutrient/Eutrophication | Non-Irrigated Crop |
| to 21.5 | 2.3 miles | KY490248_02 | 5140205 | Webster | 5-PS | WAH | Biological Indicators | Production |

| | | | 8-Digit | | Assessment | | | |
|--|------------|---------------|---------|-----------|----------------------|---------------------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Craborchard Creek 19.2 | | | | | | | | Channelization, Loss of Riparian Habitat, Non-Irrigated Crop |
| to 21.5 | 2.3 miles | KY490248_02 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Production Production |
| 10 21.3 | 2.5 miles | K1 1902 10_02 | 3110203 | VV COSTCI | 315 | ******** | Sedimentation/Situation | Troduction |
| Donaldson Creek 0.0 to 14.2 | 14.2 miles | KY490999_01 | 5140205 | Hopkins | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Source Unknown |
| | | | | | | | | |
| East Fork of Hurricane Creek 0.0 to 2.2 | 2.2 miles | KY491466_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| | | | | | | | | |
| East Fork of Hurricane | | | | | | | | |
| Creek 0.0 to 2.2 | 2.2 miles | KY491466_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | 5140205 | Hopkins | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Coal Mining |
| | | _ | | 1 | , | | • | |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | 5140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | 5140205 | Hopkins | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|---------------|---------|----------------|------------|--------|-------------------------|----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Hurricane Creek 0.0 to | | | | | | | | |
| 1.8 | 1.8 miles | KY494821_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| H . C 1 004 | | | | | | | | |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821 01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| 1.0 | 1.6 lilles | K1494621_01 | 3140203 | поркиз | 3-113 | WAII | Total Dissolved Solids | Coai Milling |
| Hurricane Creek 0.0 to | | | | | | | | |
| 1.8 | 1.8 miles | KY494821_01 | 5140205 | Hopkins | 5-NS | WAH | Zinc | Coal Mining |
| | | _ | | 1 | | | | S |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | 5140205 | Hopkins | 5-PS | WAH | Biological Indicators | Source Unknown |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | 5140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| Lamba Carala 0.04a 2.2 | 2 2:1 | EXX405042 00 | 5140205 | II a a lai a a | 5-PS | XX/AII | Tatal Dissaland Calida | Conform Minima |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | 5140205 | Hopkins | 3-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | |
| Lick Creek 0.0 to 11.9 | 11.9 miles | KY496487_00 | 5140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| F 1 00 . C 1 | | 1777405350 00 | 5140205 | **** | 5 DG | *** | 0 1 (01) | Non-Irrigated Crop |
| Lynn Fork 0.0 to 2.4 | 2.4 miles | KY497379_00 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Production |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|---|------------------|------------|---------------------|-------------|-------------------------|--|
| | | | | | | | F *** | , and the second |
| | | | | | | | | |
| Pigeonroost Creek 0.0 | | | | | | | Nutrient/Eutrophication | |
| to 3.9 | 3.9 miles | KY500604_00 | 5140205 | Crittenden | 5-PS | WAH | Biological Indicators | Agriculture |
| Pigeonroost Creek 0.0 | | | | | | | | |
| to 3.9 | 3.9 miles | KY500604_00 | 5140205 | Crittenden | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| | | | | | | | | Channelization, Loss of Riparian Habitat, |
| | | | | | | | | Non-Irrigated Crop |
| D 1 C 1 . 0 0 4 . 5 5 | 5.5 | 1/1/501042 00 | 5140205 | II1 ' | 5 DC | XXZATT | G - 1' | Production, Surface |
| Pond Creek 0.0 to 5.5 | 5.5 miles | KY501043_00 | 5140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Mining Channelization, |
| | | | | | | | | Surface Mining, Non- |
| | | | | | | | | irrigated Crop Production, Loss of |
| Pond Creek 0.0 to 5.5 | 5.5 miles | KY501043_00 | 05140205 | Hopkins | 5-PS | WAH | Turbidity | Riparian Habitat |
| | | _ | | 1 | | | · · | 1 |
| | | | | | | | | |
| Relict Channel of | | 1/3/505460 | | | | DCD | | |
| Cypress Creek 0.5 to 3.3 | 2.8 miles | KY505460- 7.2_01 | 5140205 | Union | 5-NS, 5-PS | PCR, SCR | Fecal Coliform | Source Unknown |
| | | _ | | | , | | | Channelization, Loss |
| Richland Creek 0.0 to | | | | | | | | of Riparian Habitat, Managed Pasture |
| 4.5 | 4.5 miles | KY501821_00 | 5140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Grazing |
| | | | | • | | | | |
| Tradewater River 0.0 | 460 " | *************************************** | 51.102 05 | | - NG | D.C.D. | D 16.4% | |
| to 16.8 | 16.8 miles | KY505460_01 | 5140205 | Union | 5-NS | PCR | Fecal Coliform | Agriculture |
| Tradewater River 20.6 | | | | | | PCR, | | |
| to 46.4 | 25.8 miles | KY505460_02 | 5140205 | Webster | 5-NS | SCR | Fecal Coliform | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|---------------------|----------------|-----------|---------------------|-----|--|--|
| Tradewater River 20.6 to 46.4 | 25.8 miles | KY505460_02 | 5140205 | 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 | 5140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Tradewater River 98.5 to 111.1 | 12.6 miles | KY505460_05 | 5140205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Tradewater River 98.5 to 111.1 | 12.6 miles | KY505460_05 | 5140205 | 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 | 5140205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Channelization, Sanitary Sewer Overflows (Collection System Failures) |
| Tyson Branch 0.0 to 2.5 | 2.5 miles | KY505754_00 | 5140205 | Caldwell | 5-NS | WAH | Cause Unknown | Habitat Modification - other than Hydromodification |
| UT to Copper Creek 0.0 to 1.1 | 1.1 miles | KY490078- 1.1_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Copper Creek 0.0 to 1.1 | 1.1 miles | KY490078- 1.1_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |

| | | 8-Digit | | Assessment | | | |
|------------|-------------------------------|---|---|--|--|--|---|
| Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS | WAH | Cadmium | Source Unknown |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS | WAH | Iron | Source Unknown |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Source Unknown |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Source Unknown |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Source Unknown |
| 0.9 miles | KY490083- 0.6_01 | 5140205 | Hopkins | 5-NS | WAH | Zinc | Source Unknown |
| 1 & miles | KY490999- | 5140205 | Caldwall | 5 DC | WAL | Sadimentation/Silterion | Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabili zation |
| | 0.9 miles 0.9 miles 0.9 miles | KY490083- 0.6_01 KY490999- | Total Size Waterbody ID HUC 0.9 miles KY490083- 0.6_01 5140205 KY490083- 0.6_01 5140205 | Total Size Waterbody ID HUC County 0.9 miles KY490083- 0.6_01 5140205 Hopkins 0.9 miles KY490083- 0.6_01 5140205 Hopkins 0.9 miles KY490083- 0.6_01 5140205 Hopkins KY490083- 0.6_01 5140205 Hopkins KY490083- 0.6_01 5140205 Hopkins KY490083- 0.6_01 5140205 Hopkins KY490083- 0.6_01 5140205 Hopkins | Total Size Waterbody ID HUC County Category 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS, 5- NS, 5-NS 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS KY490999- KY490999- Hopkins 5-NS | Total Size Waterbody ID HUC County Category Use 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS, 5- NS, 5-NS WAH 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH KY490083- 0.6_01 5140205 Hopkins 5-NS WAH KY490083- 0.6_01 5140205 Hopkins 5-NS WAH KY490083- 0.6_01 5140205 Hopkins 5-NS WAH | Total Size Waterbody ID HUC County Category Use Impairment 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH Cadmium 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH, PCR, SCR WAH, PCR, SCR pH 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH Specific Conductance 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH Total Dissolved Solids 0.9 miles KY490083- 0.6_01 5140205 Hopkins 5-NS WAH Total Dissolved Solids KY490083- 0.6_01 5140205 Hopkins 5-NS WAH Zinc |

| | | | 8-Digit | | Assessment | | | |
|----------------------------------|------------|----------------------|---------|----------|----------------------|---------------------|------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| UT to Donaldson Creek 0.0 to 1.8 | 1.8 miles | KY490999- 18.7_01 | 5140205 | Caldwell | 5-PS | WAH | Specific Conductance | Channelization, Crop Production (Crop Land or Dry Land) |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821- 0.3_01 | 5140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821- 0.3_01 | 5140205 | Hopkins | 5-NS | WAH | Nitrates | Source Unknown |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821- 0.3_01 | 5140205 | Hopkins | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821- 0.3_01 | 5140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821- 0.3_01 | 5140205 | 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 | 5140205 | Hopkins | 5-NS | WAH | Zinc | Coal Mining |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|---------------------|---------|-----------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Crop Production (Crop Land or Dry Land), |
| | | | | | | | | Impacts from Abandoned Mine |
| | | | | | | | | Lands (Inactive), Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Streambank |
| UT to Slover Creek 0.0 | | KY503714- | | | | | | Modifications/Destabili |
| to 1.5 | 1.5 miles | 0.4_01 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | zation |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | | Impacts from |
| UT to Slover Creek 0.0 | | WW502714 | | | | | | Abandoned Mine Lands (Inactive), Loss |
| to 1.5 | 1.5 miles | KY503714- 0.4_01 | 5140205 | Webster | 5-PS | WAH | Specific Conductance | of Riparian Habitat |
| 10 1.5 | 1.5 iiiics | 0.4_01 | 3140203 | WCOSICI | 3-13 | WAII | Specific Conductance | Agriculture, |
| | | | | | | | | Channelization, Crop |
| | | | | | | | | Production (Crop Land |
| UT to UT to Slover | | KY503714-0.5- | | | | | | or Dry Land), Loss of |
| Creek 0.0 to 1.2 | 1.2 miles | 3.5_01 | 5140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Riparian Habitat |
| | | | | | | | | Agriculture, Crop |
| | | | | | | | | Production (Crop Land |
| UT to UT to Slover | 1.0 | KY503714-0.5- | £14000£ | XX7 - 1 4 | 5 DC | 337 A T T | Const. Const. stone | or Dry Land), Loss of |
| Creek 0.0 to 1.2 | 1.2 miles | 3.5_01 | 5140205 | Webster | 5-PS | WAH | Specific Conductance | Riparian Habitat |
| | | | | | | | | Agriculture, |
| UT to UT to Slover | 1.2 | KY503714-3.4- | £14000£ | XX7 - 1 4 | E NO | 337 A T T | C - 1' (C'14 - 4' | Channelization, |
| Creek 0.2 to 1.5 | 1.3 miles | 0.2_00 | 5140205 | Webster | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| UT to UT to Slover | 1.2 '1 | KY503714-3.4- | 5140005 | 337.1 | 5 NG | *** | T (1D) 1 10 11 | C C M: |
| Creek 0.2 to 1.5 | 1.3 miles | 0.2_00 | 5140205 | Webster | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Ward Creek 5 1 to 10 2 | 5 4 miles | WW506210 01 | £14000£ | C-14 11 | 5 NC | XX/ATT | Carra Halar | Carrage Halance |
| Ward Creek 5.1 to 10.3 | 5.4 miles | KY506219_01 | 5140205 | Caldwell | 5-NS | WAH | Cause Unknown | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|------------------------|------------|--------------|----------------|------------|------------------------|-----|-------------------------|----------------------|
| J | | J | | , | <u> </u> | | • | • |
| | | | | | | | | |
| | | | | | | | Nutrient/Eutrophication | Non-Irrigated Crop |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | 5140205 | Hopkins | 5-NS | WAH | Biological Indicators | Production |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Non-Irrigated Crop |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | 5140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Non-irrigated Crop |
| | | | | | | | | Production, Loss of |
| | | | | | | | | Riparian Habitat, |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | 05140205 | Hopkins | 5-NS | WAH | Turbidity | Channelization |
| | | | | | | | | |
| Wolf Creek 0.0 to 1.0 | 1 miles | KY506998_00 | 5140205 | Crittenden | 5-NS | WAH | Cause Unknown | Source Unknown |

| | | | 0 Digit | | Aggaggment | | | |
|----------------------------|------------|---------------|----------------|---------|---------------------|-------------------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
| waterbody & Segment | Total Size | waterbody ID | HOC | County | Category | USC | Impairment | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Surface |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | KY485720_01 | 5070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | Mining |
| Abbott Cicck 0.0 to 5.2 | J.Z IIIICS | K1403720_01 | 3070203 | Tioyu | 3-113 | WAII | Nitrogen (Total) | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | Nutrient/Eutrophication | Discharges, Surface |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | KY485720_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Mining |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | K1463720_01 | 3070203 | Tioyu | 3-113 | WAII | Biological fildicators | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | Organic Enrichment | Small Flows |
| | | | | | | | (Sewage) Biological | Discharges, Surface |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | KY485720_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Mining |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | K1463720_01 | 3070203 | Tioyu | 3-113 | WAII | Hidicators | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Surface |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | KY485720_01 | 5070203 | Floyd | 5-NS | WAH | Oxygen, Dissolved | Mining |
| Abbott Cicck 0.0 to 5.2 | J.Z IIIICS | K1403720_01 | 3070203 | Tioyu | 3-113 | WAII | Oxygen, Dissolved | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Surface |
| Abbott Creek 0.0 to 3.2 | 3.2 miles | KY485720_01 | 5070203 | Floyd | 5-NS | WAH | Turbidity | Mining |
| Abbott Cicck 0.0 to 3.2 | J.Z IIIICS | K1403720_01 | 3070203 | Tioyu | 3-113 | WAII | Turbiaity | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| Arkansas Cicca 0.0 to 5.0 | J.O IIIICS | K1400027_01 | 3010203 | 1 10 yu | 2-110 | ICK | Lochetteina con | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| AIRAIISAS CICCK U.U IU J.U | J.O IIIICS | 13.1400027_01 | 5070203 | 1 loyu | 2-110 | 44 \(\text{A11}\) | Diological fidicators | Systems) |

| ed Source(s) Treatment s (Septic |
|----------------------------------|
| |
| s (Septic |
| s and Similar |
| ralized |
| s) |
| ining, Habitat |
| cation - other |
| |
| nodification |
| ining, |
| um/Natural |
| tivities |
| ining, ım/Natural |
| tivities |
| tivities |
| priate Waste |
| opriate waste |
| ining, |
| ım/Natural |
| tivities |
| ining, |
| um/Natural |
| tivities |
| ining, |
| ım/Natural |
| oduction |
| es (Permitted) |
| ture, lization, Loss |
| rian Habitat, |
| int Source |
| |

| | | 8-Digit | | Assessment | | | |
|------------|-------------------------------|-----------|---|---|--|--|---|
| Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | Petroleum/Natural |
| | | | | | | | Gas Activities, |
| 1.6 miles | KY486411_01 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | Animal Feeding |
| | | | | | | | Operations (NPS), On-Site Treatment |
| | | | | | | | Systems (Septic |
| | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | Decentralized |
| 2 miles | KY486557 01 | 5070204 | Lawrence | 5-NS | PCR | Fecal Coliform | Systems) |
| | _ | | | | | | Municipal |
| | | | | | | | (Urbanized High |
| | | | | | | | Density Area), On- |
| | | | | | | | Site Treatment |
| | | | | | | | Systems (Septic |
| | | | | | | | Systems and Similar |
| | | | | | | | Decentralized |
| | | | | | | | Systems), Package Plant or Other |
| | | | | | | | Permitted Small |
| | | | | | | | Flows Discharges, |
| | | | | | | | Unspecified |
| 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Domestic Waste |
| 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | Iron | Coal Mining |
| | | | | | | | Municipal |
| | | | | | | | (Urbanized High |
| | | | | | | | Density Area), On- |
| | | | | | | | Site Treatment |
| | | | | | | | Systems (Septic |
| | | | | | | | Systems and Similar |
| | | | | | | | Decentralized Systems), |
| | | | | | | Nitrate/Nitrite (Nitrite | Unspecified |
| 7.1 miles | KY486610 01 | 5070203 | Floyd | 5-NS | WAH | | Domestic Waste |
| | 1.6 miles 2 miles 7.1 miles | 1.6 miles | 1.6 miles KY486411_01 5070203 2 miles KY486557_01 5070204 7.1 miles KY486610_01 5070203 7.1 miles KY486610_01 5070203 | Total Size Waterbody ID HUC County 1.6 miles KY486411_01 5070203 Johnson 2 miles KY486557_01 5070204 Lawrence 7.1 miles KY486610_01 5070203 Floyd 7.1 miles KY486610_01 5070203 Floyd | Total Size Waterbody ID HUC County Category 1.6 miles KY486411_01 5070203 Johnson 5-PS 2 miles KY486557_01 5070204 Lawrence 5-NS 7.1 miles KY486610_01 5070203 Floyd 5-NS 7.1 miles KY486610_01 5070203 Floyd 5-NS | Total Size Waterbody ID HUC County Category Use 1.6 miles KY486411_01 5070203 Johnson 5-PS WAH 2 miles KY486557_01 5070204 Lawrence 5-NS PCR 7.1 miles KY486610_01 5070203 Floyd 5-NS PCR 7.1 miles KY486610_01 5070203 Floyd 5-NS WAH | Total Size Waterbody ID HUC County Category Use Impairment 1.6 miles KY486411_01 5070203 Johnson 5-PS WAH Sedimentation/Siltation 2 miles KY486557_01 5070204 Lawrence 5-NS PCR Fecal Coliform 7.1 miles KY486610_01 5070203 Floyd 5-NS PCR Escherichia coli 7.1 miles KY486610_01 5070203 Floyd 5-NS WAH Iron Nitrate/Nitrite (Nitrite |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|--------|------------|-----------|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · · | | | | | • | Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), |
| | | | | | | | Nutrient/Eutrophication | Unspecified |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Domestic Waste |
| | | | | | | | | Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), On- |
| | | | | | | | | Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | Organic Enrichment | Systems), |
| | | | | | | | (Sewage) Biological | Unspecified |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Domestic Waste |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), On- |
| | | | | | | | | Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Decree Creek 0.04, 7.1 | 7 1:1 | IZX/406610 01 | 5070202 | Dlad | 5 NC | 337 A T T | C-4: | Decentralized |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Systems) |
| | | | | | | | | Coal Mining, |
| Degree Creek 0.0 to 7.1 | 7.1 miles | VV496610 01 | 5070202 | Eloud | 5 NC | 337 A T T | Smarifia Conductor | Petroleum/Natural |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|----------|--------|------------|-----|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | - | Coal Mining, |
| | | | | | | | | Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), On- Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), |
| | | | | | | | Total Suspended Solids | Unspecified |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_01 | 5070203 | Floyd | 5-NS | WAH | (TSS) | Domestic Waste |
| | | | | | | | | Surface Mining, Coal |
| Big Cr. 10.6 to 15.1 | 4.4 miles | KY487161_03 | 05070201 | Pike | 5-PS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | Surface Mining, Coal |
| Big Cr. 7.3 to 10.6 | 3.4 miles | KY487161_02 | 05070201 | Pike | 5-PS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Die Carela 0.04a 1.0 | 1.9 miles | VV407161 01 | 5070201 | Pike | 5-NS | PCR | Fecal Coliform | Decentralized |
| Big Creek 0.0 to 1.9 | 1.9 miles | KY487161_01 | 3070201 | Ріке | 3-NS | PCK | recai Contorm | Systems) On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Big Creek 10.6 to 15.1 | 4.5 miles | KY487161_03 | 5070201 | Pike | 5-PS | WAH | Biological Indicators | Systems) |
| | | | | | | | <u> </u> | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| | | | | | | | (Sewage) Biological | Decentralized |
| Big Creek 10.6 to 15.1 | 4.5 miles | KY487161_03 | 5070201 | Pike | 5-PS | WAH | Indicators | Systems) |

| W. 1 1 0 0 | m . 1 G | | 8-Digit | | Assessment | ** | | |
|------------------------|------------|--------------|---------|----------|------------|------------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| Big Creek 10.6 to 15.1 | 4.5 miles | KY487161_03 | 5070201 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Big Creek 10.6 to 15.1 | 4.5 miles | KY487161_03 | 5070201 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | • | Coal Mining, Loss of |
| | | | | | | | Nutrient/Eutrophication | Riparian Habitat, |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | 5070201 | Pike | 5-PS | WAH | Biological Indicators | Non-Point Source |
| Big Cicck 7.5 to 10.0 | 3.3 IIIICS | K140/101_02 | 3070201 | 1 IKC | 3-13 | WAII | Biological findicators | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | Organic Enrichment | Decentralized |
| | | | | | | | (Sewage) Biological | Systems), Surface |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | 5070201 | Pike | 5-PS | WAH | Indicators | Mining |
| Big Cleek 7.3 to 10.0 | 3.3 IIIIes | K146/101_02 | 3070201 | FIRE | 3-13 | WAII | Hidicators | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| Dia Crash 72 to 106 | 3.3 miles | KY487161_02 | 5070201 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Big Creek 7.3 to 10.6 | 5.5 Illies | K148/101_02 | 3070201 | Pike | 3-P3 | WAI | Sedimentation/Siltation | Channelization, Coal |
| | | | | | | | | · / |
| Die Creals 72 to 106 | 2.2 mil | VV407161 02 | 5070201 | Dilea | 5 DC | XX / A T T | Smarific Conductors | Mining, Loss of |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | 5070201 | Pike | 5-PS | WAH | Specific Conductance | Riparian Habitat |
| | | | | | | | | Agriculture, |
| Big Mine Creek 1.4 to | | | | | | | Nutrient/Eutrophication | Inappropriate Waste |
| 3.9 | 2.5 miles | KY487221_01 | 5070203 | Magoffin | 5-PS | WAH | Biological Indicators | Disposal |
| | | | | | | | Organic Enrichment | Agriculture, |
| Big Mine Creek 1.4 to | | | | | | | (Sewage) Biological | Inappropriate Waste |
| 3.9 | 2.5 miles | KY487221_01 | 5070203 | Magoffin | 5-PS | WAH | Indicators | Disposal |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|--------------|---------|----------|---------------------|---|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | 5070203 | Magoffin | 5-PS, 5-PS, 5-PS | WAH, PCR, SCR | рН | Surface Mining |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | 5070203 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Inappropriate Waste Disposal, Sand/Gravel/Rock Mining or Quarries, Silviculture Activities, Surface Mining |
| | | | | 8 | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | Loss of Riparian |
| Big Mine Creek 5.8 to 8.4 | 2.6 miles | KY487221_02 | 5070203 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Habitat, Managed Pasture Grazing |
| Big Sandy River 0.0 to 27.1 | 27.1 miles | KY487249_01 | 5070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining, Habitat Modification - other than Hydromodification |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | 5070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| | | | | | | | | Habitat Modification - other than Hydromodification, Post-Development Erosion and Sedimentation, Sand/Gravel/Rock |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | 5070203 | Knott | 5-NS | WAH | Sedimentation/Siltation | Mining or Quarries Coal Mining, |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|----------------|---------------|----------|------------|-------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | ********* | | | | | | Petroleum/Natural |
| Bill D Branch 1.1 to 2.9 | 1.8 miles | KY487299_02 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | ********** | 505000 | ** | | **** | | Petroleum/Natural |
| Bill D Branch 1.1 to 2.9 | 1.8 miles | KY487299_02 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, On-Site |
| | | | | | | | | Treatment Systems |
| | | | | | | | | (Septic Systems and Similar Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| | | | | | | | Fecal Coliform, | Permitted Small |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | 5070204 | Lawrence | 5-NS | PCR | Escherichia coli | Flows Discharges |
| Blance Steel Sees to Sylo | | 111 107 120_02 | 00,020. | Zavirono | 0 110 | 1 011 | 2501101101110 0011 | Loss of Riparian |
| | | | | | | | | Habitat, Package |
| | | | | | | | | Plant or Other |
| | | | | | | | Nutrient/Eutrophication | Permitted Small |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | 5070204 | Lawrence | 5-NS | WAH | Biological Indicators | Flows Discharges |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Package |
| | | | | | | | | Plant or Other |
| | | | | | | | | Permitted Small |
| | | | | | | | | Flows Discharges, |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | 5070204 | Lawrence | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Package |
| | | | | | | | | Plant or Other |
| | | | | | | | | Permitted Small |
| | | | | | | | Total Suspended Solids | Flows Discharges, |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | 5070204 | Lawrence | 5-NS | WAH | (TSS) | Surface Mining |

| | | | 0.51.1 | | | | | |
|---------------------------|------------|--------------|---------|----------|----------------------|---------------------|---|--|
| W. I I O C | T . 1 G: | W . 1 1 D | 8-Digit | | Assessment | | T . | G . 1G () |
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | 5070204 | 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 | 5070204 | Lawrence | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | 5070204 | Lawrence | 5-PS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Surface Mining |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | 5070204 | 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 | 5070204 | 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) |
| Braine Creek 6.2 to 17.0 | 7.4 miles | K140/420_01 | 3070204 | Lawrence | J-113 | WAII | Biological indicators | Highway/Road/Bridg e Runoff (Non- Construction Related), Loss of Riparian Habitat, Managed Pasture Grazing, Non-Point Source, Post- Development Erosion and Sedimentation, Streambank Modifications/Destab |
| Blaine Creek 8.2 to 17.6 | 9.4 miles | KY487428_01 | 5070204 | Lawrence | 5-NS | WAH | Sedimentation/Siltation | ilization |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|---------------|----------|----------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | =: | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Managed Pasture |
| | | | | | | | | Grazing, Non-Point |
| | | | | | | | | Source, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| | | | | | | | T . 10 1 10 11 | Streambank |
| D1: G 1 00: 17.6 | 0.4. "1 | 1737407420 01 | 5070204 | | 5 NG | **** | Total Suspended Solids | Modifications/Destab |
| Blaine Creek 8.2 to 17.6 | 9.4 miles | KY487428_01 | 5070204 | Lawrence | 5-NS | WAH | (TSS) | ilization |
| | | | | | | | | |
| Brushy Fk. 0.0 to 10.0 | 10 miles | KY488137_01 | 05070203 | Pike | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | NT / 1 // // 11 /1 | Managed Pasture |
| D. J. F. 1 004 100 | 10 | 1737400127 01 | 5070202 | D'1 | 5 DC | 337 A T T | Nutrient/Eutrophication | Grazing, Non-Point |
| Brushy Fork 0.0 to 10.0 | 10 miles | KY488137_01 | 5070203 | Pike | 5-PS | WAH | Biological Indicators | Source |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, Managed Pasture |
| | | | | | | | | |
| Brushy Fork 0.0 to 10.0 | 10 miles | KY488137 01 | 5070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Grazing, Surface Mining |
| Drushy Fork 0.0 to 10.0 | 10 1111168 | K140013/_01 | 3070203 | 1 IKC | J-I O | VV /A11 | Scamenanon/smallon | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | WAH | Iron | Coal Mining |

| | | | 0.50 | | | | | |
|--------------------------|------------|---|---------|---------|------------|-----|-------------------------|----------------------|
| Water day of Carrier | T-4-1 C: | WatanhadaaID | 8-Digit | Carreta | Assessment | II | T | C(a) |
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | N | Systems and Similar |
| D 1 D 1 00 20 | 2.0 :1 | WW.400102 01 | 5050000 | F1 1 | 5 NG | *** | Nutrient/Eutrophication | Decentralized |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| | | *************************************** | | | | | (Sewage) Biological | Decentralized |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Systems) |
| | | | | | | | | Coal Mining, Habitat |
| | | | | | | | | Modification - other |
| | | | | | | | | than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Sedimentation |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| Buffalo Creek 0.0 to 1.8 | 1.8 miles | KY488317_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), |
| | | | | | | | | Unspecified Urban |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | Stormwater |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |

| | | | 8-Digit | | Assessment | | | |
|-----------------------|-------------|---------------|---------|--------|------------|-----------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , J | | j | | | | | • | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Iron | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | 0 1 7 11 | Decentralized |
| | | | | | | | Organic Enrichment | Systems), |
| C-1-1-F1-0-0-1-1-2 | 1.2 | IZX/400500 01 | 5070202 | F1 . 1 | 5 NO | 337 A T T | (Sewage) Biological | Unspecified Urban |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Stormwater |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar Decentralized |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | Systems) |
| Calculture 0.0 to 1.2 | 1.2 1111168 | K1400370_U1 | 3070203 | Tioyu | J-11/2 | W All | i nosphorus (Total) | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| | | | | | | | | Sand/Gravel/Rock |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Mining or Quarries |
| 3.0 00 1.2 | | | 22.3200 | , | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|--------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Coal Mining, Petroleum/Natural Gas Production |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Activities (Permitted) |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862 01 | 5070203 | Knott | 5-NS | PCR | Escherichia coli | Package Plant or Other Permitted Small Flows Discharges |
| | | | | | | | | Package Plant or |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | 5070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Other Permitted Small Flows Discharges |
| | | | | | | | | Coal Mining, Package Plant or Other Permitted Small Flows Discharges, Petroleum/Natural |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, Package Plant or Other Permitted Small Flows Discharges, Petroleum/Natural |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| Caney Fork 7.5 to 11.3 | 3.8 miles | KY488862_02 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Caney Fork 7.5 to 11.3 | 3.8 miles | KY488862_02 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining, Petroleum/Natural Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | <u> </u> | | | <i>U</i> , | | • | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | Systems) |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Production |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Activities (Permitted) |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation |
| | | | | | | | | Channels), |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Impacts |
| | | | | | | | | from Abandoned |
| | | | | | | | | Mine Lands |
| | | | | | | | | (Inactive), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Other Spill Related |
| | | | | | | | | Impacts, Sediment |
| | | | | | | | | Resuspension |
| Coldwater Fork 2.1 to 8.8 | 6.7 miles | KY489804_01 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | (Contaminated Sedim |
| | | | | | | | | Impacts from |
| | | | | | | | | Abandoned Mine |
| | | | | | | | | Lands (Inactive), |
| | | | | | | | | Other Spill Related |
| | | | | | | | | Impacts, Surface |
| | | | | | | | | Mining, Unspecified |
| Coldwater Fork 2.1 to 8.8 | 6.7 miles | KY489804_01 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Urban Stormwater |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Dry Creek 0.0 to 4.0 | 4 miles | KY491166_01 | 5070203 | Knott | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Dry Creek 0.0 to 4.0 | 4 miles | KY491166_01 | 5070203 | Knott | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Production |
| Dry Creek 0.0 to 4.0 | 4 miles | KY491166_01 | 5070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Activities (Permitted) |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|--------|------------|-----|------------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | 5070202 | 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 | 5070202 | 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 | 5070202 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | 5070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461 01 | 5070202 | Pike | 5-PS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges, Surface Mining |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | 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 | 5070203 | Floyd | 5-PS | WAH | Iron | Coal Mining, Petroleum/Natural Gas Activities |

| | | | 0 D:=:4 | | A ======= | | | |
|--------------------------|------------|----------------|----------------|---------|------------|---------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | Country | Assessment | Use | Immainmant | Cyamaatad Caymaa(a) |
| waterbody & Segment | Total Size | waterbody ID | пос | County | Category | Use | Impairment | Suspected Source(s) On-Site Treatment |
| | | | | | | | | |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| | | | | | | | Nutrient/Eutrophication | Permitted Small |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | VV402469 01 | 5070203 | Eland | 5-PS | WAH | Biological Indicators | Flows Discharges |
| Frasure Creek 0.0 to 3.2 | 5.2 IIIIes | KY492468_01 | 3070203 | Floyd | 3-13 | WAII | biological indicators | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | Organic Enrichment | Plant or Other |
| | | | | | | | (Sewage) Biological | Permitted Small |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | 5070203 | Floyd | 5-PS | WAH | Indicators | Flows Discharges |
| Trasure Creek 0.0 to 3.2 | J.Z IIIIES | K1492400_01 | 3070203 | Floyu | 3-13 | WAII | Hidicators | Coal Mining, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Non-Point Source, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468 01 | 5070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |
| 1145410 CICCK 0.0 to 3.2 | 5.2 miles | 111 172 100_01 | 2010203 | 110,4 | 215 | 777111 | Seamentation Situation | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| 118510 01000 010 10 512 | 2.2 miles | 111 102 100_01 | 2070203 | 110,0 | 2.15 | ******* | Specific Conductance | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468 01 | 5070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|--|---------------------|--------------------------|---------|----------|--------------|------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Georges Creek 0.0 to 2.9 | 2.9 miles | KY492787_01 | 5070203 | Lawrence | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat, Source Unknown |
| Canada Carala 0.045 2.0 | 20 miles | VV402797 01 | 5070202 | | 5 DG | WALL | | Channelization, Highway/Road/Bridg e Runoff (Non- Construction Related), Loss of Riparian Habitat, Non-Point Source, Sand/Gravel/Rock |
| Georges Creek 0.0 to 2.9 Georges Creek 0.0 to 2.9 | 2.9 miles 2.9 miles | KY492787_01 KY492787_01 | 5070203 | Lawrence | 5-PS 5-PS | WAH | Sedimentation/Siltation Specific Conductance | Mining or Quarries Channelization, Highway/Road/Bridg e Runoff (Non- Construction Related), Loss of Riparian Habitat, Non-Point Source |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011 01 | 5070203 | Floyd | 5-NS | WAH | Cause Unknown | Source Unknown |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | 5070203 | 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 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining, Petroleum/Natural Gas Activities |
| Greasy Creek 0.0 to 4.7 | 4.7 miles | KY493231_01 | 5070203 | Johnson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|----------|------------|-----|---|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Greasy Creek 0.0 to 4.7 | 4.7 miles | KY493231_01 | 5070203 | 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 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Agriculture, Coal Mining |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | 5070203 | Floyd | 5-NS | WAH | Iron | Coal Mining, Petroleum/Natural Gas Activities |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining, Petroleum/Natural Gas Activities |
| Harriett Branch 0.6 to 2.3 | 1.7 miles | KY493794_01 | 5070204 | Lawrence | 5-PS | WAH | Cause Unknown | Source Unknown |
| Hood Creek 0.0 to 3.6 | 3.6 miles | KY494493_01 | 5070204 | 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 | 5070204 | Lawrence | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Landfills, Unspecified Urban Stormwater |
| Hood Creek 0.0 to 3.6 | 3.6 miles | KY494493_01 | 5070204 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Landfills, Silviculture Activities, Surface Mining, Unspecified Urban Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------|------------|------|-------------------------|----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| | | | | | | | | Unspecified Urban |
| Ice Dam Creek 0.0 to 0.4 | 0.4 miles | KY494876_01 | 5070204 | Boyd | 5-NS | WAH | Cause Unknown | Stormwater |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), |
| | | | | | | | | Unspecified Urban |
| Ice Dam Creek 0.0 to 0.4 | 0.4 miles | KY494876_01 | 5070204 | Boyd | 5-NS | WAH | Nitrogen (Total) | Stormwater |
| | | | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| | | ****** | 505000: | | ~ > va | **** | | Unspecified Urban |
| Ice Dam Creek 0.0 to 0.4 | 0.4 miles | KY494876_01 | 5070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------|------------|-----------|-------------------------|----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| | | | | | | | | Unspecified Urban |
| Ice Dam Creek 0.4 to 2.4 | 2 miles | KY494876_02 | 5070204 | Boyd | 5-NS | WAH | Cause Unknown | Stormwater |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), |
| | | ****** | 5050004 | | ~ > x G | **** | | Unspecified Urban |
| Ice Dam Creek 0.4 to 2.4 | 2 miles | KY494876_02 | 5070204 | Boyd | 5-NS | WAH | Nitrogen (Total) | Stormwater |
| | | | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| Lee Davis Creek 0.44 2.4 | 2:1 | WW404976 02 | 5070204 | David | 5 NC | 337 A T T | C-1: | Unspecified Urban |
| Ice Dam Creek 0.4 to 2.4 | 2 miles | KY494876_02 | 5070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | Unspecified Urban |
| Ice Dam Creek 0.4 to 2.4 | 2 miles | KY494876_02 | 5070204 | Boyd | 5-NS | WAH | Total Dissolved Solids | Stormwater |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| Indian Creek 0.0 to 3.5 | 3.5 miles | KY494929_01 | 5070202 | Pike | 5-PS | WAH | Oxygen, Dissolved | Discharges |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destab |
| | | | | | | | | ilization, Surface |
| Indian Creek 0.0 to 3.5 | 3.5 miles | KY494929_01 | 5070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Mining |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|--------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| | | | | | | | | Streambank |
| | | | | | | | | Modifications/Destab |
| I I G 1 00 25 | 2.5 '1 | 1737404020 01 | 5070202 | D'I | 5 DC | 337 4 7 7 | T (1 D) 1 1 0 1 1 | ilization, Surface |
| Indian Creek 0.0 to 3.5 | 3.5 miles | KY494929_01 | 5070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | |
| Island Creek 0.0 to 1.7 | 1.7 miles | KY495044_01 | 5070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| Island Creek 0.0 to 1.7 | 1.7 miles | KY495044_01 | 5070203 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | NT of all of | Systems and Similar |
| J. 1. C. 1. 0.04. 4.4 | 4.4 | IZX/405000 01 | 5070202 | F1. 4 | 5 NG | 337 A T T | Nutrient/Eutrophication | Decentralized |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | Coal Mining, On-Site |
| | | | | | | | | Treatment Systems |
| | | | | | | | | (Septic Systems and Similar Decentralized |
| Jooks Crook 0.0 to 4.4 | 4.4 miles | VV405090 01 | 5070202 | Florid | 5 NC | WALI | Sadimentation/Siltation | |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Systems) |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|----------------|---------|---------|------------|-----------|---------------------------|--------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | · | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | ******* | 5050000 | | ~ > YG | **** | | Petroleum/Natural |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | | | | | | | Site Clearance (Land |
| | | | | | | | | Development or Redevelopment), |
| Jennys Creek 5.3 to 10.8 | 5.5 miles | KY495218_02 | 5070203 | Johnson | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Jennys Creek 3.3 to 10.8 | 5.5 lilles | K1493216_02 | 3070203 | Johnson | 3-113 | WAII | Sedifficitation/Sittation | Channelization, Coal |
| | | | | | | | | Mining, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| Jenny's Creek 0.0 to 3.1 | 3.1 miles | KY495218_01 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Riparian Habitat |
| | | | | | | | | Channelization, Coal |
| | | | | | | | | Mining, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| Jenny's Creek 0.0 to 3.1 | 3.1 miles | KY495218_01 | 5070203 | Johnson | 5-PS | WAH | Specific Conductance | Riparian Habitat |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| Johns Branch 0.045 1.6 | 1.6:1 | IZX/4052/11 01 | 5070202 | Florid | E NC | 337 A T T | C-1: | Development Erosion |
| Johns Branch 0.0 to 1.6 | 1.6 miles | KY495341_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, |
| Johns Danish O O to 1 C | 1.6:1 | IZX/4052/11 01 | 5070202 | Florid | E NC | 337 A T T | Caralta Candanta | Petroleum/Natural |
| Johns Branch 0.0 to 1.6 | 1.6 miles | KY495341_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|------------------|---------|------------|------|-------------------------|---------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Coal Mining, |
| | 4.6.11 | ************ | #0#0 2 02 | - | - NG | **** | | Petroleum/Natural |
| Johns Branch 0.0 to 1.6 | 1.6 miles | KY495341_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Impacts from |
| | | | | | | | | Hydrostructure Flow |
| | | | | | | | | Regulation/Modificat ion, |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | | | | | | | Surface Mining, |
| | | | | | | | | Upstream |
| | | | | | | | | Impoundments (e.g., |
| | | | | | | | | Pl-566 NRCS |
| Johns Creek 0.0 to 5.8 | 5.8 miles | KY495347_01 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Structures) |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| Johns Creek 0.0 to 5.8 | 5.8 miles | KY495347_01 | 5070203 | Johnson | 5-PS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| Johns Creek 0.0 to 5.8 | 5.8 miles | KY495347_01 | 5070203 | Johnson | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Jahna Charle 24 0 to 20 65 | 6 65:1 | WW405247 02 | 5070202 | Pike | E NC | PCR | Fecal Coliform | Decentralized |
| Johns Creek 24.0 to 30.65 | 6.65 miles | KY495347_02 | 5070203 | Pike | 5-NS | PCK | recai Contorm | Systems) |
| | | | | | | | | |
| T. G. 1 240 . 22 . 7 | 6.65 '' | XXX405245 02 | 5050203 | D''I | 5 PG | **** | 0 11 (011 1 | |
| Johns Creek 24.0 to 30.65 | 6.65 miles | KY495347_02 | 5070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| | | | | | | | | |
| Johns Creek 24.0 to 30.65 | 6.65 miles | KY495347_02 | 5070203 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Johns Creek 34.4 to 42.5 | 8.1 miles | KY495347_03 | 5070203 | 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 | 5070203 | Pike | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | 5070203 | Knott | 5-NS | PCR | Escherichia coli | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | 5070203 | Knott | 5-NS | WAH | Iron | Coal Mining, Petroleum/Natural Gas Activities |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | 5070203 | 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 | 5070203 | 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 | 5070203 | 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 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|---------|---------|------------|-----|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Coal Mining, Petroleum/Natural Gas Production |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Activities (Permitted) |
| Keaton Fork 0.0 to 5.1 | 5.1 miles | KY495584_01 | 5070204 | Johnson | 5-NS | WAH | Cause Unknown | Source Unknown |
| Keaton Fork 0.0 to 5.1 | 5.1 miles | KY495584_01 | 5070204 | Johnson | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Non-Point Source, Source Unknown |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | 5070201 | 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 | 5070201 | Pike | 5-NS | FC | PCB in Fish Tissue | Upstream Source |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | 5070201 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization, Coal Mining |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | 5070201 | Pike | 5-PS | WAH | Specific Conductance | Coal Mining |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | 5070201 | Pike | 5-PS | WAH | Temperature, water | Coal Mining, Habitat Modification - other than Hydromodification, Source Unknown |
| | | | | | | | | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other |
| Left Fk. Beaver Cr. 13.55 | | | | | | | Nutrient/Eutrophication | Permitted Small |
| to 18.7 | 5.15 miles | KY496194_03 | 5070203 | Floyd | 5-PS | WAH | Biological Indicators | Flows Discharges |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|--------------|----------|--------|------------|-----|------------------------|-----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Coal Mining, |
| | | | | | | | | Post-development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation; |
| Left Fk. Beaver Cr. 13.55 | | | | | | | Sedimentation/ | Petroleum/Natural |
| to 18.7 | 5.15 miles | KY496194_02 | 05070203 | Floyd | 5-PS | WAH | Siltation | Gas Activities |
| | | | | | | | | Coal Mining, |
| Left Fk. Beaver Cr. 13.55 | | | | | | | | Petroleum/Natural |
| to 18.7 | 5.15 miles | KY496194_03 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| Left Fork Beaver Creek | | | | | | | | Permitted Small |
| 0.0 to 11.4 | 11.4 | KY496194_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Flows Discharges |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 0.0 to 11.4 | 11.4 | KY496194_01 | 5070203 | Floyd | 5-PS | WAH | Iron | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| Left Fork Beaver Creek | | | | | | | Sedimentation/ | Unspecified Urban |
| 0.0 to 11.4 | 11.4 | KY496194_01 | 5070203 | Floyd | 5-PS | WAH | Siltation | Stormwater |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 0.0 to 11.4 | 11.4 | KY496194_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 0.0 to 11.4 | 11.4 | KY496194_01 | 5070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|---------------|---------|----------|------------|------|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | · | | • | | | • | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| Left Fork Beaver Creek | | | | | | | | Permitted Small |
| 11.4 to 13.55 | 2.15 miles | KY496194_02 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Flows Discharges |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 11.4 to 13.55 | 2.15 miles | KY496194_02 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Left Fork Beaver Creek | | | | | | | | Decentralized |
| 18.7 to 28.6 | 5.3 miles | KY496194_04 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| I CE ID C I | | | | | | | NT of any and at | Systems and Similar |
| Left Fork Beaver Creek | | T777406104 04 | 5050202 | F1 1 | 5 NG | **** | Nutrient/Eutrophication | Decentralized |
| 18.7 to 28.6 | 5.3 miles | KY496194_04 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | T777406104 04 | 5050202 | F1 1 | 5 NG | **** | | Petroleum/Natural |
| 18.7 to 28.6 | 5.3 miles | KY496194_04 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Left Fork Beaver Creek | | T777406104 04 | 5050202 | F1 1 | 5 NG | **** | T . 15: 1 10:11 | Petroleum/Natural |
| 18.7 to 28.6 | 5.3 miles | KY496194_04 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Agriculture, |
| Left Fork Blaine Creek | | | | | | | Nutrient/Eutrophication | Inappropriate Waste |
| 0.0 to 2.1 | 2.1 miles | KY496199_00 | 5070204 | Lawrence | 5-NS | WAH | Biological Indicators | Disposal |
| | | | | | | | Organic Enrichment | Agriculture, |
| Left Fork Blaine Creek | | | | | | | (Sewage) Biological | Inappropriate Waste |
| 0.0 to 2.1 | 2.1 miles | KY496199_00 | 5070204 | Lawrence | 5-NS | WAH | Indicators | Disposal |

| | | | 8-Digit | | Assessment | | | |
|---------------------------------------|------------|--------------|---------|----------|----------------------|---------------------|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Left Fork Blaine Creek 0.0 to 2.1 | 2.1 miles | KY496199_00 | 5070204 | Lawrence | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Surface Mining |
| Left Fork Blaine Creek | | | | | | | | Agriculture, Inappropriate Waste Disposal, Sand/Gravel/Rock Mining or Quarries, Silviculture Activities, Surface |
| 0.0 to 2.1 | 2.1 miles | KY496199_00 | 5070204 | Lawrence | 5-NS | WAH | Sedimentation/Siltation | Mining |
| Left Fork Malachi Branch 0.0 to 0.7 | 0.7 miles | KY496239_01 | 5070201 | Pike | 5-PS | WAH | Cause Unknown | Source Unknown |
| Left Fork Middle Creek 0.0 to 10.3 | 10.3 miles | KY496241_01 | 5070203 | Floyd | 5-NS, 5-NS | PCR, SCR | Fecal Coliform | Source Unknown |
| Left Fork Middle Creek 0.0 to 10.3 | 10.3 miles | KY496241_01 | 5070203 | Floyd | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Surface Mining |
| Left Fork Middle Creek 0.0 to 10.3 | 10.3 miles | KY496241_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Non-Point Source, Surface Mining |
| Left Fork Middle Creek 0.0 to 10.3 | 10.3 miles | KY496241_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | Organic Enrichment (Sewage) Biological | Municipal (Urbanized High Density Area), On- Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Source |
| Levisa Fork 0.0 to 5.8 | 5.8 miles | KY496312_01 | 5070203 | Lawrence | 5-NS | WAH | Indicators | Unknown |

| | | 8-Digit | | Assessment | | | |
|------------|---|-----------|---|--|---|--|---|
| Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| 5.8 miles | KY496312 01 | 5070203 | Lawrence | 5-NS | WAH | Specific Conductance | Coal Mining, Municipal (Urbanized High Density Area), Non- Point Source |
| 5.8 miles | | 5070203 | Lawrence | 5-NS | WAH | Total Suspended Solids | Coal Mining, Municipal (Urbanized High Density Area), Non- Point Source |
| 8.4 miles | KY496312_08 | 5070202 | Pike | 5-PS | PCR | Fecal Coliform | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas |
| 8.4 miles | KY496312_08 | 5070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| 9.5 miles | KY496312_02 | 5070203 | Lawrence | 5-PS | FC | Methylmercury | Source Unknown, Surface Mining |
| 9.5 miles | KY496312_02 | 5070203 | Lawrence | 5-PS | FC | Polychlorinated biphenyls | Source Unknown |
| 9.5 miles | KY496312_02 | 5070203 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| 9.5 miles | KY496312_02 | 5070203 | Lawrence | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| 23.3 miles | KY496312 04 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Non-Point Source, Package Plant or Other Permitted Small Flows Discharges |
| | 5.8 miles 5.8 miles 8.4 miles 8.4 miles 9.5 miles 9.5 miles 9.5 miles | 5.8 miles | Total Size Waterbody ID HUC 5.8 miles KY496312_01 5070203 5.8 miles KY496312_01 5070203 8.4 miles KY496312_08 5070202 9.5 miles KY496312_02 5070203 9.5 miles KY496312_02 5070203 | Total Size Waterbody ID HUC County 5.8 miles KY496312_01 5070203 Lawrence 5.8 miles KY496312_01 5070203 Lawrence 8.4 miles KY496312_08 5070202 Pike 9.5 miles KY496312_02 5070203 Lawrence 9.5 miles KY496312_02 5070203 Lawrence | Total Size Waterbody ID HUC County Category 5.8 miles KY496312_01 5070203 Lawrence 5-NS 5.8 miles KY496312_01 5070203 Lawrence 5-NS 8.4 miles KY496312_08 5070202 Pike 5-PS 9.5 miles KY496312_02 5070203 Lawrence 5-PS | Total Size Waterbody ID HUC County Category Use 5.8 miles KY496312_01 5070203 Lawrence 5-NS WAH 5.8 miles KY496312_01 5070203 Lawrence 5-NS WAH 8.4 miles KY496312_08 5070202 Pike 5-PS PCR 8.4 miles KY496312_08 5070202 Pike 5-NS WAH 9.5 miles KY496312_02 5070203 Lawrence 5-PS FC 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH | Total Size Waterbody ID HUC County Category Use Impairment 5.8 miles KY496312_01 5070203 Lawrence 5-NS WAH Specific Conductance 5.8 miles KY496312_01 5070203 Lawrence 5-NS WAH Total Suspended Solids (TSS) 8.4 miles KY496312_08 5070202 Pike 5-PS PCR Fecal Coliform 8.4 miles KY496312_08 5070202 Pike 5-NS WAH Sedimentation/Siltation 9.5 miles KY496312_02 5070203 Lawrence 5-PS FC Methylmercury 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH Sedimentation/Siltation 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH Sedimentation/Siltation 9.5 miles KY496312_02 5070203 Lawrence 5-PS WAH Total Dissolved Solids |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|-------------|---------------|---------|--------|------------|-----------|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | • | Coal Mining, Non- |
| T : E 1 21 4 . 54 7 | 22.2 '1 | 1737406212 04 | 5070202 | F1 1 | 7 NG | *** | | Point Source, Urban |
| Levisa Fork 31.4 to 54.7 | 23.3 miles | KY496312_04 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Runoff/Storm Sewers |
| | | | | | | | | Package Plant or |
| | | | | | | | T-4-1 C 4-4 C-1:4- | Other Permitted Small Flows |
| I F 1 21 44 547 | 22.2 | 1/3/40/212 04 | 5070202 | T21 | 5 NG | 337 A T T | Total Suspended Solids | |
| Levisa Fork 31.4 to 54.7 | 23.3 miles | KY496312_04 | 5070203 | Floyd | 5-NS | WAH | (TSS) | Discharges |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| L. C. F. 1 (5.24, 00.0 | 22.0 | WW406212 06 | 5070202 | D'1 | 5-PS | 337 A T T | Chile at a c | Small Flows |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | 5070202 | Pike | 5-PS | WAH | Chlorine | Discharges |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar Decentralized |
| | | | | | | | | |
| | | | | | | | | Systems), Package Plant or Other |
| | | | | | | | | Permitted Small |
| | | | | | | | | |
| | | | | | | | | Flows Discharges, Urban Runoff/Storm |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | VV406212 06 | 5070202 | Pike | 5-NS | PCR | Fecal Coliform | Sewers |
| Levisa Fork 65.2 to 98.0 | 32.8 IIIIes | KY496312_06 | 3070202 | Pike | 3-113 | PCK | recai Comorm | |
| | | | | | | | | Municipal |
| | | | | | | | Organia Enviahment | (Urbanized High |
| | | | | | | | Organic Enrichment (Sewage) Biological | Density Area), Non- Point Source, Urban |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | VV406212 06 | 5070202 | Pike | 5-PS | WAH | Indicators | Runoff/Storm Sewers |
| Levisa Fork 05.2 to 98.0 | 52.8 miles | KY496312_06 | 3070202 | Pike | 3-42 | WAH | muicators | |
| | | | | | | | | Package Plant or Other Permitted |
| | | | | | | | | Small Flows |
| Lavina Foult 65 2 to 00 0 | 22.9 miles | VV406212 06 | 5070202 | Dilea | 5 DC | WAIT | Overson Dissolved | |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | 5070202 | Pike | 5-PS | WAH | Oxygen, Dissolved | Discharges |

| | | | 0 Diait | | Assassment | | | |
|--------------------------|------------|--------------|----------------|--------|---------------------|-----|-------------------------|----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
| waterbody & Beginent | Total Size | Waterbody ID | 1100 | County | Cutegory | 030 | Impairment | Coal Mining, |
| | | | | | | | | Municipal Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), Non- |
| | | | | | | | | Point Source, Urban |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | 5070202 | Pike | 5-PS | WAH | Specific Conductance | Runoff/Storm Sewers |
| | | | | | | | _ | Municipal |
| | | | | | | | | (Urbanized High |
| | | | | | | | | Density Area), Non- |
| | | | | | | | | Point Source, |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | Total Suspended Solids | Small Flows |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | 5070202 | Pike | 5-PS | WAH | (TSS) | Discharges |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Levisa Fork 98.0 to | | | | | | | | Systems), Urban |
| 101.25 | 3.25 miles | KY496312_07 | 5070202 | Pike | 5-NS | PCR | Fecal Coliform | Runoff/Storm Sewers |
| Lick Branch 0.0 to 1.3 | 1.3 miles | KY496458_01 | 5070201 | Martin | 5-NS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | Channelization, Coal |
| | | | | | | | | Mining, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | Nutrient/Eutrophication | Riparian Habitat, |
| Lick Creek 0.3 to 4.7 | 4.4 miles | KY496480_01 | 5070202 | Pike | 5-PS | WAH | Biological Indicators | Non-Point Source |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|----------------|--------------|---------|---------|------------|-----------|-----------------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Channelization, Coal Mining, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| Lick Creek 0.3 to 4.7 | 4.4 miles | KY496480_01 | 5070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Riparian Habitat |
| | | | | | | | | Forest Roads (Road |
| | | | | | | | | Construction and |
| | | | | | | | | Use), Grazing in Riparian or Shoreline |
| | | | | | | | | Zones, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Post-Development |
| Little Paint Creek 3.2 to | | | | | | | | Erosion and |
| 6.5 | 3.3 miles | KY496821_01 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Sedimentation |
| | | | | | | | | Agriculture, |
| Little Paint Creek 6.5 to | | | | | | | Nutrient/Eutrophication | Inappropriate Waste |
| 11.6 | 5.4 miles | KY496821_02 | 5070203 | Johnson | 5-PS | WAH | Biological Indicators | Disposal |
| | | | | | | | | Agriculture, |
| | | | | | | | Organic Enrichment | Inappropriate Waste |
| Little Paint Creek 6.5 to | 5 4 ··· 11 · · | WW406921 02 | 5070202 | T . 1 | 5 DC | 337 A T T | (Sewage) Biological Indicators | Disposal, Surface |
| 11.6 | 5.4 miles | KY496821_02 | 5070203 | Johnson | 5-PS | WAH | Indicators | Mining |
| Lini Di G 1 67 | | | | | 5 DC 5 | WAH, | | Subsurface |
| Little Paint Creek 6.5 to | £ 4:1 | WW406921 02 | 5070202 | Tabaaaa | 5-PS, 5- | PCR, | | (Hardrock) Mining, |
| 11.6 | 5.4 miles | KY496821_02 | 5070203 | Johnson | NS, 5-NS | SCR | рН | Surface Mining |
| Little Paint Creek 6.5 to | | | | | | | | Inappropriate Waste Disposal, Surface |
| 11.6 | 5.4 miles | KY496821_02 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Mining |
| Lockwood Creek 2.6 to | | | | | | | | |
| 3.2 | 0.6 miles | KY496936_01 | 5070204 | Boyd | 5-PS | WAH | Cause Unknown | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|------------------------------|------------|--------------|---------|----------|------------|-----|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Lockwood Creek 2.6 to 3.2 | 0.6 miles | KY496936_01 | 5070204 | Boyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Point Source, Source Unknown |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Channelization, Loss of Riparian Habitat, Surface Mining |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | 5070203 | Floyd | 5-NS | WAH | Temperature, water | Channelization, Loss of Riparian Habitat, Surface Mining |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Long Fork 0.0 to 1.4 | 1.4 miles | KY497103_01 | 5070203 | Floyd | 5-PS | WAH | Cause Unknown | Non-Point Source, Source Unknown |
| Long Fork 0.4 to 7.5 | 7.1 miles | KY497109_01 | 5070202 | Pike | 5-PS | WAH | Specific Conductance | Coal Mining, Loss of Riparian Habitat, Non-Point Source |
| Lower Chloe Creek 0.0 to 1.5 | 1.5 miles | KY497270_01 | 5070203 | 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 | 5070203 | Pike | 5-NS | WAH | Specific Conductance | Coal Mining, Urban Runoff/Storm Sewers |
| Lower Laurel Fork 0.0 to 7.9 | 7.9 miles | KY497292_01 | 5070204 | 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 | 5070204 | Lawrence | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Landfills, Unspecified Urban Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--|------------|---------------|---------|----------|------------|-----------|-------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | - | Landfills, Silviculture Activities, Source |
| | | | | | | | | Unknown, Surface |
| Lower Laurel Fork 0.0 to | | | | | | | | Mining, Unspecified |
| 7.9 | 7.9 miles | KY497292_01 | 5070204 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Urban Stormwater |
| | | | | | | | | Channelization, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, Post-Development |
| | | | | | | | | Erosion and |
| Marrowbone Creek 1.4 to | | | | | | | | Sedimentation, |
| 11.3 | 9.9 miles | KY497561_01 | 5070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Marrowbone Creek 1.4 to | | | | | | | | |
| 11.3 | 9.9 miles | KY497561_01 | 5070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | Coal Mining, Loss of |
| | | | | | | | | Riparian Habitat, |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | 5070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Non-Point Source |
| | | | | | | | | Coal Mining, Loss of |
| Martha a Fall 0.04, 2.0 | 2.0 11 | IZX/400010 01 | 5070202 | D'I | 5 DC | 337 A T T | Const. Const. stones | Riparian Habitat, |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | 5070203 | Pike | 5-PS | WAH | Specific Conductance | Non-Point Source |
| | | | | | | | | Package Plant or Other Permitted |
| | | | | | | | Total Suspended Solids | Small Flows |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | 5070203 | Pike | 5-PS | WAH | (TSS) | Discharges |
| 2. | | | 22.3200 | | | | () | Non-Point Source, |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| Middle Creek Levisa | | | | | | 1 | | Discharges, Urban |
| Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | 5070203 | Floyd | 5-PS | PCR | Escherichia coli | Runoff/Storm Sewers |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|---------|------------|-----|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | | | , | | | • | Sand/Gravel/Rock |
| Middle Creek Levisa | | | | | | | | Mining or Quarries, |
| Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Surface |
| Middle Creek Levisa | | | | | | | | Mining, Urban |
| Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Runoff/Storm Sewers |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | | | | | | | | Small Flows |
| | | | | | | | | Discharges, Surface |
| Middle Creek Levisa | | | | | | | Total Suspended Solids | Mining, Urban |
| Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | 5070203 | Floyd | 5-NS | WAH | (TSS) | Runoff/Storm Sewers |
| | | | | | | | | Channelization, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Silviculture |
| Middle Fork Rockcastle | | | | | | | | Harvesting, Surface |
| Creek 0.0 to 16.8 | 16.8 miles | KY498137_01 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| Middle Fork Rockcastle | | | | | | | | Riparian Habitat, |
| Creek 0.0 to 16.8 | 16.8 miles | KY498137_01 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | 5070203 | Johnson | 5-NS | WAH | Biological Indicators | Systems) |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|----------|----------|------------|-----|---|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | 5070203 | 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 | 5070203 | 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 | 5070203 | Johnson | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Mud Creek 0.0 to 2.7 | 2.7 miles | KY498983_00 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Streambank Modifications/Destab ilization |
| Mud Creek 0.0 to 2.7 | 2.7 miles | KY498983_00 | 05070203 | Floyd | 5-NS | WAH | Turbidity | Loss of Riparian Habitat, Streambank Modifications/destabi lization |
| Nats Creek 0.0 to 3.1 | 3.1 miles | KY499185_01 | 5070203 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Sand/Gravel/Rock Mining or Quarries, Surface Mining |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | 5070203 | Morgan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture, Inappropriate Waste Disposal |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | 5070203 | Morgan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture, Inappropriate Waste Disposal |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|---|---------|----------|------------|-----------|-------------------------|-------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | | | | • | Agriculture, |
| | | | | | | | | Inappropriate Waste |
| | | | | | | | | Disposal, |
| | | | | | | WAH, | | Sand/Gravel/Rock |
| | | | | | 5-PS, 5- | PCR, | | Mining or Quarries, |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | 5070203 | Morgan | NS, 5-NS | SCR | pН | Surface Mining |
| | | | | | | | | Agriculture, |
| | | | | | | | | Inappropriate Waste |
| | | | | | | | | Disposal, |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | | | | | | | Silviculture |
| | | | | | | | | Activities, Surface |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | 5070203 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| | 0.5 | *************************************** | 5050000 | | 5 NG | **** | | Small Flows |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | Discharges |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted |
| 0, 0, 1, 0,0, 0,5 | 0.7 '1 | 1737500001 01 | 5070202 | F1 1 | 7 NG | DCD | E 1 '1' 1' | Small Flows |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Discharges |
| | | | | | | | | Package Plant or |
| | | | | | | | | Other Permitted Small Flows |
| Otton Carollo 0 0 to 0 5 | 0.5:1 | V.V.500001 01 | 5070202 | El a sud | 5 NC | 337 A I I | Nitro con (Total) | |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | Discharges |
| | | | | | | | | Package Plant or Other Permitted |
| | | | | | | | Nutrient/Eutrophication | Small Flows |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021 01 | 5070203 | Florid | 5-NS | WAH | Biological Indicators | |
| Otter Creek 0.0 to 0.5 | 0.5 miles | K 1 300021_01 | 3070203 | Floyd | J-1N2 | WAH | biological indicators | Discharges |

| 2-4-1 C: | | 8-Digit | | Assessment | | | |
|------------|---|---------|---|--|---|--|--|
| Cotal Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | · | | · | | | | On-Site Treatment |
| | | | | | | | Systems (Septic |
| | | | | | | | Systems and Similar |
| | | | | | | | Decentralized |
| | | | | | | | Systems), Package |
| | | | | | | | Plant or Other |
| | | | | | | | Permitted Small |
| 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Flows Discharges |
| | | | | | | | Package Plant or |
| | | | | | | | Other Permitted |
| | | | | | | | Small Flows |
| 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | Discharges |
| | | | | | | | Petroleum/Natural |
| | | | | | | | Gas Activities, Post- |
| | | | | | | | Development Erosion |
| .5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | Coal Mining, |
| | | | | | | | Petroleum/Natural |
| .5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | Coal Mining, |
| | | | | | | | Petroleum/Natural |
| 0.5 miles | KY500021_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | |
| | | | | | | Nutrient/Eutrophication | Unspecified Urban |
| .4 miles | KY500100_01 | 5070204 | Boyd | 5-NS | WAH | Biological Indicators | Stormwater |
| | | | • | | | Organic Enrichment | |
| | | | | | | | Unspecified Urban |
| .4 miles | KY500100 01 | 5070204 | Boyd | 5-NS | WAH | | Stormwater |
|).4 | 5 miles 5 miles 5 miles 5 miles 4 miles | 5 miles | 5 miles KY500021_01 5070203 4 miles KY500100_01 5070204 | 5 miles KY500021_01 5070203 Floyd 4 miles KY500100_01 5070204 Boyd | 5 miles KY500021_01 5070203 Floyd 5-NS 4 miles KY500100_01 5070204 Boyd 5-NS | 5 miles KY500021_01 5070203 Floyd 5-NS WAH 4 miles KY500100_01 5070204 Boyd 5-NS WAH | 5 miles KY500021_01 5070203 Floyd 5-NS WAH Organic Enrichment (Sewage) Biological Indicators 5 miles KY500021_01 5070203 Floyd 5-NS WAH Phosphorus (Total) 5 miles KY500021_01 5070203 Floyd 5-NS WAH Sedimentation/Siltation 5 miles KY500021_01 5070203 Floyd 5-NS WAH Specific Conductance 5 miles KY500021_01 5070203 Floyd 5-NS WAH Total Dissolved Solids 4 miles KY500100_01 5070204 Boyd 5-NS WAH Nutrient/Eutrophication Biological Indicators 0 organic Enrichment (Sewage) Biological Corganic Enrichment (Sewage) Biological Corganic Enrichment (Sewage) Biological |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|---------|------------|------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Habitat Modification |
| | | | | | | | | - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| D 111 C 1 00 1 14 | 1 4 11 | 1737500100 01 | 5070204 | D 1 | Z NG | *** | 0 1: (0:1, (: | Unspecified Urban |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | 5070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Stormwater |
| | | | | | | | | Habitat Modification - other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Industrial Point |
| | | | | | | | | Source Discharge, |
| | | | | | | | | Unspecified Urban |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | 5070204 | Boyd | 5-NS | WAH | Total Dissolved Solids | Stormwater |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), |
| | | | | | | | Fecal Coliform, | Unspecified |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | 5070203 | Johnson | 5-NS | PCR | Escherichia coli | Domestic Waste |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | 5070203 | Johnson | 5-NS | CAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | 0 1 5 11 | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| Paint Coasta 0.0 to 7.1 | 7 1:1 | WW500114 01 | 5070202 | Tabaaaa | 5 NO | CAIL | (Sewage) Biological | Decentralized |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | 5070203 | Johnson | 5-NS | CAH | Indicators | Systems) |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---|---------|---------|------------|---------|-------------------------|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| · | | | | · | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| | | | | | | | | Woodlot Site |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | 5070203 | Johnson | 5-NS | CAH | Sedimentation/Siltation | Clearance |
| 7 | | *************************************** | 5050000 | | ~ > YG | G 1 T T | | Woodlot Site |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | 5070203 | Johnson | 5-NS | CAH | Temperature, water | Clearance |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar Decentralized |
| | | | | | | | | Systems), |
| | | | | | | | | Unspecified |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | 5070203 | Johnson | 5-NS | PCR | Fecal Coliform | Domestic Waste |
| Tallit Creek 7.1 to 0.5 | 1.2 iiiies | K130011+_02 | 3070203 | Johnson | 3 110 | TCR | 1 ccar comorni | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | 5070203 | Johnson | 5-PS | CAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| | | | | | | | (Sewage) Biological | Decentralized |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | 5070203 | Johnson | 5-PS | CAH | Indicators | Systems) |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, |
| | | | | | | | | Woodlot Site |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | 5070203 | Johnson | 5-PS | CAH | Sedimentation/Siltation | Clearance |
| | 1 | | | | | ~ | | Woodlot Site |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | 5070203 | Johnson | 5-PS | CAH | Temperature, water | Clearance |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|----------------|----------|--------|------------|------------|-------------------------|---------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| wateressly to segment | 100015120 | , accreting 12 | 1100 | County | curegory | | - Impunition | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Surface |
| Panther Fork 0.0 to 2.95 | 2.9 miles | KY500162_01 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Other Spill Related |
| | | | | | | | | Impacts, Surface |
| Panther Fork 0.0 to 2.95 | 2.9 miles | KY500162_01 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| Peter Creek 0.0 to 5.8 | 5.8 miles | KY500467_01 | 5070201 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Sand/Gravel/Rock |
| Pigeonroost Fork 0.0 to | 1.2 '1 | 1737700606 01 | 5070201 | 3.6 | Z NG | XX / A T T | 0 1: (0:1, (: | Mining or Quarries, |
| 1.3 | 1.3 miles | KY500606_01 | 5070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, On-Site Treatment Systems |
| | | | | | | | Nutrient/ | (Septic Systems and |
| | | | | | | | Eutrophication | Similar Decentralized |
| Pond Cr. 0.0 to 9.7 | 6.3 miles | KY501044_01 | 05070201 | Pike | 5-NS | WAH | Biological Indicators | Systems) |
| 1 ond C1. 0.0 to 7.7 | 0.5 miles | K1301044_01 | 03070201 | 1 IKC | 3-145 | WAII | Diological malcators | Loss of Riparian |
| | | | | | | | Organic Enrichment | Habitat, Sewage |
| | | | | | | | (Sewage) Biological | Discharges in |
| Pond Cr. 0.0 to 9.7 | 6.3 miles | KY501044 01 | 05070201 | Pike | 5-NS | WAH | Indicators | Unsewered Areas |
| | | | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Production |
| | | | | | | | | Activities |
| | | | | | | | Sedimentation/ | (Permitted), Surface |
| Pond Cr. 0.0 to 9.7 | 6.3 miles | KY501044_01 | 05070201 | Pike | 5-NS | WAH | Siltation | Mining |

| | | | 8-Digit | | Assessment | | | |
|--------------------------|------------|---|----------|---------|------------|---------|--|-----------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | - | Petroleum/Natural Gas Production |
| | | | | | | | | Activities |
| | | | | | | | | (Permitted), Surface |
| Pond Cr. 0.0 to 9.7 | 6.3 miles | KY501044_01 | 05070201 | Pike | 5-NS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Puncheon Branch 0.0 to | 0.6 " | *************************************** | 505000 | ** | - DG | **** | Nutrient/Eutrophication | Decentralized |
| 3.6 | 3.6 miles | KY501437_01 | 5070203 | Knott | 5-PS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | Ouerania Englishmant | Systems (Septic |
| Puncheon Branch 0.0 to | | | | | | | Organic Enrichment (Sewage) Biological | Systems and Similar Decentralized |
| 3.6 | 3.6 miles | KY501437_01 | 5070203 | Knott | 5-PS | WAH | Indicators | Systems) |
| 3.0 | 5.0 miles | K1301437_01 | 3070203 | Kilott | 3-13 | WAII | Hidicators | Coal Mining, |
| Puncheon Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 3.6 | 3.6 miles | KY501437_01 | 5070203 | Knott | 5-PS | WAH | Specific Conductance | Gas Activities |
| 3.0 | 3.0 miles | K1301137_01 | 3070203 | TRIIOTT | 315 | ******* | Бреспис Сонаценинее | Coal Mining, |
| Puncheon Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 3.6 | 3.6 miles | KY501437 01 | 5070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Gas Activities |
| | | _ | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, |
| Raccoon Creek 5.6 to 7.4 | 1.8 miles | KY501505_02 | 5070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Bassage Crash 5.6 to 7.4 | 1.0 miles | VV501505 02 | 5070202 | Dilso | 5 DC | WAIT | Total Dissalved Callda | Sunface Mining |
| Raccoon Creek 5.6 to 7.4 | 1.8 miles | KY501505_02 | 5070203 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Right Fork Beaver Creek | | | | | | PCR, | Escherichia coli, Fecal | Inappropriate Waste |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-NS, 5-NS | SCR | coliform | Disposal |
| | | | | | | | | Inappropriate Waste |
| Right Fork Beaver Creek | | | | | | | Nutrient/Eutrophication | Disposal, Loss of |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-PS | WAH | Biological Indicators | Riparian Habitat |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------------|---------|--------|------------|-----------|-------------------------|-------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | Organic Enrichment | Inappropriate Waste |
| Right Fork Beaver Creek | | | | | | | (Sewage) Biological | Disposal, Loss of |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-PS | WAH | Indicators | Riparian Habitat |
| | | | | | | | | Acid Mine Drainage, |
| | | | | | | WAH, | | Coal Mining, |
| Right Fork Beaver Creek | | | | | 5-PS, 5- | PCR, | | Petroleum/Natural |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | NS, 5-NS | SCR | pН | Gas Activities |
| | | | | | | | | Channelization, Coal |
| | | | | | | | | Mining, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Right Fork Beaver Creek | | | | | | | | and Sedimentation, |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | 15.4 "1 | WW.501060 01 | 5050202 | F1 1 | 5 DG | *** | | Petroleum/Natural |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | 17.4 | LXX501062 01 | 5070202 | F1 1 | 5 DC | 337 4 1 1 | T-4-1 D'1 1 0 -1'-1 | Petroleum/Natural |
| 0.0 to 17.4 | 17.4 miles | KY501863_01 | 5070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package Plant or Other |
| Right Fork Beaver Creek | | | | | | | | Permitted Small |
| 30.3 to 33.4 | 2.9 miles | KY501863 04 | 5070203 | Knott | 5-NS | PCR | Escherichia coli | Flows Discharges |
| 30.3 10 33.4 | 2.9 HHIES | K 1 30 1 60 3 _ 0 4 | 3070203 | MIOU | 2-110 | run | Escherichia con | 1 Tows Discharges |

| | | | 9 Digit | | Assassment | | | |
|-------------------------|------------|--------------|----------------|--------|---------------------|---|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
| waterbody & Segment | Total Size | waterbody ID | Hoc | County | Category | USC | Ппрантнен | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| Right Fork Beaver Creek | | | | | | | Nutrient/Eutrophication | Permitted Small |
| 30.3 to 33.4 | 2.9 miles | KY501863 04 | 5070203 | Knott | 5-PS | WAH | Biological Indicators | Flows Discharges |
| 30.3 to 33.4 | 2.7 iiiies | K1301003_04 | 3070203 | Knott | 315 | *************************************** | Biological maleators | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | Organic Enrichment | Plant or Other |
| Right Fork Beaver Creek | | | | | | | (Sewage) Biological | Permitted Small |
| 30.3 to 33.4 | 2.9 miles | KY501863_04 | 5070203 | Knott | 5-PS | WAH | Indicators | Flows Discharges |
| | | _ | | | | | | Loss of Riparian |
| | | | | | | | | Habitat, Post- |
| | | | | | | | | Development Erosion |
| Right Fork Beaver Creek | | | | | | | | and Sedimentation, |
| 30.3 to 33.4 | 2.9 miles | KY501863_04 | 5070203 | Knott | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 30.3 to 33.4 | 2.9 miles | KY501863_04 | 5070203 | Knott | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 30.3 to 33.4 | 2.9 miles | KY501863_04 | 5070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| Right Fork Beaver Creek | | | | | | | | Permitted Small |
| 17.4 to 23.3 | 5.9 miles | KY501863_02 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Flows Discharges |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|--------|------------|------|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| | | | | | | | | Systems), Package |
| | | | | | | | | Plant or Other |
| Right Fork Beaver Creek | | | | | | | Nutrient/Eutrophication | Permitted Small |
| 17.4 to 23.3 | 5.9 miles | KY501863_02 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Flows Discharges |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 17.4 to 23.3 | 5.9 miles | KY501863_02 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 17.4 to 23.3 | 5.9 miles | KY501863_02 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Inappropriate Waste |
| | | | | | | | | Disposal, Package |
| | | | | | | | | Plant or Other |
| Right Fork Beaver Creek | | ****** | | | | | Nutrient/Eutrophication | Permitted Small |
| 23.3 to 30.3 | 7 miles | KY501863_03 | 5070203 | Knott | 5-NS | WAH | Biological Indicators | Flows Discharges |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | ************ | 5050000 | ** | 5 NG | **** | | Petroleum/Natural |
| 23.3 to 30.3 | 7 miles | KY501863_03 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | | ************ | 5050000 | ** | 5 NG | **** | | Petroleum/Natural |
| 23.3 to 30.3 | 7 miles | KY501863_03 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | NT of other times | Systems and Similar |
| Right Fork Beaver Creek | 4.7 :1 | WW.501062-05 | 5070202 | 17 | 5 NG | *** | Nutrient/Eutrophication | Decentralized |
| 33.4 to 37.9 | 4.5 miles | KY501863_05 | 5070203 | Knott | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | Coal Mining, |
| Right Fork Beaver Creek | 4.5 .1 | WW.501062 05 | 5070203 | 177 | 5 210 | *** | | Petroleum/Natural |
| 33.4 to 37.9 | 4.5 miles | KY501863_05 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Gas Activities |

| | | | 0 D:=:4 | | A | | | |
|----------------------------|---------------------------------------|--------------|----------------|-------------|---------------------|---|-------------------------|--------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
| waterbody & Segment | Total Size | Waterbody ID | Hec | County | Category | OSC | Impairment | Coal Mining, |
| Right Fork Beaver Creek | | | | | | | | Petroleum/Natural |
| 33.4 to 37.9 | 4.5 miles | KY501863_05 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| 23.110 37.5 | i i i i i i i i i i i i i i i i i i i | 111201003_03 | 2070203 | Timott | 3 1 (5 | ******* | Total Bissolved Solids | Channelization, Loss |
| Right Fork of Little Paint | | | | | | | | of Riparian Habitat, |
| Creek 0.4 to 2.1 | 1.7 miles | KY501903_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Non-Point Source |
| Right Fork of Panther | | | | - J | | | | |
| Fork 0.0 to 1.05 | 1.05 miles | KY501915_01 | 5070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| 1018 0.0 to 1.03 | 1.03 miles | K1301713_01 | 3070201 | TVICIT CITI | 3 110 | *************************************** | Specific Conductance | Surface willing |
| Dista Ford SWIII 1 | | | | | | | | |
| Right Fork of Whitecabin | 1.1 | WW501020 01 | 5070201 | Mantin | 5 NC | 337 A 11 | Caraifia Candaratana | Conform Minima |
| Branch 0.0 to 1.1 | 1.1 miles | KY501938_01 | 5070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | Coal Mining, Petroleum/Natural |
| Righthand Fork 0.0 to 2.0 | 2 miles | KY501946_01 | 5070203 | Knott | 5-NS | WAH | Specific Conductance | Gas Activities |
| Righthand Fork 0.0 to 2.0 | 2 miles | K1301940_01 | 3070203 | Kilott | 3-113 | WAII | Specific Conductance | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Righthand Fork 0.0 to 2.0 | 2 miles | KY501946 01 | 5070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| Righthand Fork 0.0 to 2.0 | 2 miles | 101301340_01 | 3070203 | Kilott | 3 110 | *************************************** | Total Dissolved Solids | Channelization, |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Loss of |
| | | | | | | | | Riparian Habitat, |
| Rob Fork 0.0 to 1.0 | 1 miles | KY502049_01 | 5070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Surface |
| Rob Fork 0.0 to 1.0 | 1 miles | KY502049_01 | 5070202 | Pike | 5-NS | WAH | Specific Conductance | Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | *********** | F0=6-2-2- | | - DG | *** | Nutrient/Eutrophication | Decentralized |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | 5070203 | Floyd | 5-PS | WAH | Biological Indicators | Systems) |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|-------------|--------------|---------|--------|------------|--------|-------------------------|--------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation |
| | | | | | | | | Channels), |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | 5070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Production |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | 5070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Activities (Permitted) |
| | | | | | | | | Sand/Gravel/Rock |
| Rockcastle Creek 13.25 | | ********** | 5050001 | | ~ > v G | **** | 0 11 (011) | Mining or Quarries, |
| to 15.3 | 4.2 miles | KY502158_03 | 5070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | Channelization, |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation |
| | | | | | | | | Channels), |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Sediment |
| | | | | | | | | Resuspension |
| | | | | | | | | (Contaminated |
| Rockcastle Creek 3.7 to | | | | | | | | Sediment), Surface |
| 13.25 | 9.55 miles | VV502159 02 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Mining, Unspecified Urban Stormwater |
| 15.23 | 9.33 IIIIes | KY502158_02 | 3070201 | Marun | 3-43 | WAII | Seamentation/Sination | |
| Rockcastle Creek 3.7 to | | | | | | | | Surface Mining, |
| | 0.55 miles | VV502159 02 | 5070201 | Montin | 5 DC | XX/AIT | Total Dissalved Callda | Unspecified Urban |
| 13.25 | 9.55 miles | KY502158_02 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Stormwater |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|--------------|---------|----------|------------|-----|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | 5070204 | Lawrence | 5-NS | PCR | Escherichia coli | Non-Point Source, Rural (Residential Areas) |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | 5070204 | 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 | 5070204 | Lawrence | 5-PS | WAH | Specific Conductance | Surface Mining |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | 5070204 | Lawrence | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | 5070204 | Lawrence | 5-PS | WAH | Total Suspended Solids (TSS) | Post-Development Erosion and Sedimentation, Surface Mining |
| Rockhouse Fork 0.0 to 6.4 | 6.4 miles | KY502205_01 | 5070201 | 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 | 5070201 | Martin | 5-PS | WAH | Specific Conductance | Loss of Riparian Habitat, Non-Point Source, Surface Mining |
| Rockhouse Fork 0.0 to 6.4 | 6.4 miles | KY502205_01 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | 5070203 | Knott | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Rural (Residential Areas) |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | 5070203 | Knott | 5-PS | WAH | Sedimentation/Siltation | Coal Mining, Dredge Mining, Petroleum/Natural Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|---------------|---------|---------|------------|-----------|-------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Coal Mining, |
| Salisbury Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 1.8 | 1.8 miles | KY502805_01 | 5070203 | Knott | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Callata Bassata 0.04 | | | | | | | | Petroleum/Natural Gas Production |
| Salisbury Branch 0.0 to | 1.8 miles | VV502905 01 | 5070203 | Vmatt | 5-PS | XX7 A I I | Total Dissolved Solids | |
| 1.8 | 1.8 IIIIes | KY502805_01 | 3070203 | Knott | 3-13 | WAH | Total Dissolved Solids | Activities (Permitted) On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| | | | | | | | | Decentralized |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845 01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| Bant Elek Creek 3.3 to 3.5 | o.o miles | 111502015_01 | 3070203 | 11094 | 2 113 | TOR | Eschericina con | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | 5070203 | Floyd | 5-PS | WAH | Nitrogen (Total) | Systems) |
| | | | | | | | | |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | 5070203 | Floyd | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | 60.3 | 1737502045 01 | 5070202 | T1 1 | Z DC | 337 4 7 7 | DI 1 (TF (1) | Decentralized |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | 5070203 | Floyd | 5-PS | WAH | Phosphorus (Total) | Systems) |
| | | | | | | | | Coal Mining, Dredge |
| | | | | | | | | Mining, Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | 5070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |
| Suit Liek Cieck 0.0 to 0.8 | 0.0 miles | 181302043_01 | 3010203 | 1 10 yu | 313 | ** A11 | Seamenanon/smanon | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | 5070202 | Pike | 5-PS | PCR | Escherichia coli | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|-------------|--------------|---------|--------|------------|---|--|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | 5070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | | |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | 5070202 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | 5070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| | | | | | | | NY . 1 . 185 | GI II I |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319_02 | 5070202 | Pike | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Channelization, Loss of Riparian Habitat |
| Shelby Creek 0.0 to 15.5 | 7.5 miles | K1303319_02 | 3070202 | FIKE | 3-13 | WAII | | of Kiparian Habitat |
| | | | | | | | Organic Enrichment (Sewage) Biological | Channelization, Loss |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319 02 | 5070202 | Pike | 5-PS | WAH | Indicators | of Riparian Habitat |
| Shelly creat old to lot | 7.10 111100 | 111000019_02 | 20.0202 | 1 1110 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 11101041015 | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Petroleum/Natural |
| Challey Create 6.0 to 12.2 | 7.2 miles | VV502210 02 | 5070202 | Dilea | 5-PS | WAII | Sedimentation/Siltation | Gas Activities, |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319_02 | 3070202 | Pike | 3-PS | WAH | Sedimentation/Silitation | Surface Mining On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Simpson Branch 0.0 to | | | | | | | | Decentralized |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| Simpson Branch 0.0 to | | *********** | #0#C*** | | 5.00 | *** | | G 116 |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Iron | Coal Mining |
| | | | | | | | | On-Site Treatment Systems (Septic |
| | | | | | | | | Systems (Septic Systems and Similar |
| Simpson Branch 0.0 to | | | | | | | Nutrient/Eutrophication | Decentralized Decentralized |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Biological Indicators | Systems) |

| | | | 8-Digit | | Assessment | | | |
|------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| Simpson Branch 0.0 to | | | | | | | (Sewage) Biological | Decentralized |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Indicators | Systems) |
| | | | | | | | | Coal Mining, Dredge |
| | | | | | | | | Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| Simpson Branch 0.0 to | | | | | | | | Development Erosion |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, |
| Simpson Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Simpson Branch 0.0 to | | | | | | | | Gas Production |
| 1.8 | 1.8 miles | KY503532_01 | 5070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Activities (Permitted) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Sizemore Branch 0.0 to | | | | | | | | Decentralized |
| 2.0 | 2 miles | KY503590_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | Systems) |
| | | | | | | | | Coal Mining, |
| Sizemore Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 2.0 | 2 miles | KY503590_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Sizemore Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 2.0 | 2 miles | KY503590_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | Coal Mining, |
| Spewing Camp Branch | | | | | | | | Petroleum/Natural |
| 0.0 to 3.1 | 3.1 miles | KY504061_01 | 5070203 | Floyd | 5-NS | WAH | Cause Unknown | Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|--------------------------------|------------|--------------|---------|--------|----------------------|---------------------|------------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Spewing Camp Branch | Total Size | Waterbody ID | nec | County | Category | USC | Impairment | On-Site Treatment Systems (Septic Systems and Similar Decentralized |
| 0.0 to 3.1 | 3.1 miles | KY504061_01 | 5070203 | Floyd | 5-PS | PCR | Escherichia coli | Systems) |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061 01 | 5070203 | Floyd | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | рН | Coal Mining, Petroleum/Natural Gas Activities |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | 5070203 | 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 | 5070203 | 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 | 5070203 | Floyd | 5-NS | WAH | Total Suspended Solids (TSS) | Coal Mining, Petroleum/Natural Gas Activities |
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | 5070203 | 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 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Spurlock Creek 0.6 to 4.0 | 3.4 miles | KY504191_02 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining, Petroleum/Natural Gas Activities |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|--------|------------|-----|-------------------------|-----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | • | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | | Decentralized |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| | | | | | | | Nutrient/Eutrophication | Decentralized |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| | | | | | | | (Sewage) Biological | Decentralized |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Systems) |
| | | | | | | | | Coal Mining, Dredge |
| | | | | | | | | Mining, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| | | | | | | | | Development Erosion |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| | | | | | | | | Petroleum/Natural |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| Stephens Branch 0.0 to | | | | | | | | Decentralized |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | Systems) |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|------------|--------------|---------|---------|------------|--------|-------------------------|-----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Managed Pasture |
| | | | | | | | | Grazing, On-Site |
| | | | | | | | | Treatment Systems |
| | | | | | | | | (Septic Systems and |
| Stephens Branch 0.0 to | | | | | | | Nutrient/Eutrophication | Similar Decentralized |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| Stephens Branch 0.0 to | | | | | | | (Sewage) Biological | Decentralized |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Systems) |
| | | | | | | | | Coal Mining, |
| Stephens Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Gas Activities |
| | | | | | | | | Coal Mining, |
| Stephens Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Gas Activities |
| | | | | | | | | Coal Mining, |
| Stephens Branch 0.0 to | | | | | | | | Petroleum/Natural |
| 2.6 | 2.6 miles | KY504331_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| G. 11.E 100. 11 | 1 1 1 | WW.504550 01 | 5070201 | 3.6 | 5 DC | XXZATI | 0 'C' 0 1 | C C M: |
| Straight Fork 0.0 to 1.1 | 1.1 miles | KY504559_01 | 5070201 | Martin | 5-PS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | |
| Stratton Branch 0.4 to 2.1 | 1.7 miles | KY504571_01 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | |
| Sycamore Creek 0.0 to 3.8 | 3.8 miles | KY504877_01 | 5070203 | Pike | 5-PS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| Toms Creek 0.0 to 8.0 | 8 miles | KY505352_01 | 5070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| | | | | | | | Polychlorinated | |
| Tug Fork 71.9 to 77.7 | 5.8 miles | KY1548311_03 | 5070201 | Pike | 5-PS | FC | biphenyls | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|---------------------------------|------------|----------------------|---------|--------|----------------------|---------------------|--|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | 5070203 | Floyd | 5-NS | PCR | Escherichia coli | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598 01 | 5070203 | 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 | 5070203 | Floyd | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | 5070203 | 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 | 5070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining, Petroleum/Natural Gas Activities |
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | 5070202 | Pike | 5-NS | WAH | Nitrogen (Total) | Source Unknown |
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | 5070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | 5070202 | Pike | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| UT of Mudlick Branch 0.0 to 0.6 | 0.6 miles | KY499058- 0.65_01 | 5070201 | Martin | 5-NS, 5- NS, 5-NS | WAH, PCR, SCR | pН | Surface Mining |
| UT of Mudlick Branch 0.0 to 0.6 | 0.6 miles | KY499058- 0.65_01 | 5070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |

| | | | 8-Digit | | Assessment | | | |
|---------------------------|------------|----------------|---------|--------|------------|-----------|-------------------------|--------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | |
| Venters Branch 0.4 to 1.8 | 1.4 miles | KY506017_01 | 5070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| | | | | | | | | On-Site Treatment |
| | | | | | | | | Systems (Septic |
| | | | | | | | | Systems and Similar |
| W. G. 1 00 . 20 | 2.0 " | WW.506055 01 | 5050202 | F1 1 | 5 270 | *** | Nutrient/Eutrophication | Decentralized |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | 5070203 | Floyd | 5-NS | WAH | Biological Indicators | Systems) |
| | | | | | | | | On-Site Treatment |
| | | | | | | | 0 1 5 11 | Systems (Septic |
| | | | | | | | Organic Enrichment | Systems and Similar |
| W'1 G 1 00 20 | 2.0 '1 | 1/3/50/007 01 | 5070202 | F1 1 | 7 NG | *** | (Sewage) Biological | Decentralized |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | 5070203 | Floyd | 5-NS | WAH | Indicators | Systems) |
| | | | | | | | | Coal Mining, Dredge |
| | | | | | | | | Mining, Managed |
| | | | | | | | | Pasture Grazing, |
| | | | | | | | | Petroleum/Natural |
| | | | | | | | | Gas Activities, Post- |
| Wilson Creek 0.045 2.0 | 2.0:1 | VV506907_01 | 5070202 | Eland | 5 NC | 337 A I I | C - 4: /C:14-4: | Development Erosion |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | 5070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | and Sedimentation |
| | | | | | | | | Coal Mining, Petroleum/Natural |
| Wilson Const. 0.04 2.0 | 2.0 | V.V.50(007, 01 | 5070202 | F1 . 4 | 5 NG | 337 A T T | T.4.1 Di1 . 1 C.1 1. | |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | 5070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Gas Activities |
| W 16 G 1 00 4 6 6 | 6.6 11 | 1/3/507001 01 | 5070201 | | 5 DC | DCD | E 1 '1' 1' | Unspecified Urban |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | 5070201 | Martin | 5-PS | PCR | Escherichia coli | Stormwater |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|---------------|---------|--------|------------|-----------|-------------------------|---------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation |
| | | | | | | | | Channels), |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Sediment |
| | | | | | | | | Resuspension |
| | | | | | | | | (Contaminated |
| | | | | | | | | Sediment), Surface |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Surface |
| | | ***** | | | | | | Mining, Unspecified |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Urban Stormwater |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| W 16 G 1 17 6 1 20 5 | 2.0 '1 | 1/1/207001 02 | 5070201 | 3.6 | 5 DC | 337 A T T | 0 1: (0:1, (: | Related), Surface |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | 5070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Mining |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| W. 16 G. 1. 17 C. 20 7 | 20 11 | 1717505001 00 | 5070201 | 3.5 | 5 DG | **** | | Related), Surface |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | 5070201 | Martin | 5-PS | WAH | Specific Conductance | Mining |
| | | | | | | | | Highway/Road/Bridg |
| | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| W 16 G 1 17 6 4 20 5 | 2.0 '1 | 1/3/505001 02 | 5070201 | 3.6 | 5 DG | 337 4 7 7 | T . 1D' 1 10 "1 | Related), Surface |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | 5070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Mining |

| | | | 8-Digit | | Assessment | | | |
|-------------------------|------------|--------------|---------|------------|------------|---|-------------------------|-----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| waterbody & Segment | Total Size | waterbody ID | 1100 | County | Category | USC | Impairment | Dredging (e.g., for |
| 1 | | | | | | | | Navigation |
| 1 | | | | | | | | Channels), |
| 1 | | | | | | | | Highway/Road/Bridg |
| 1 | | | | | | | | e Runoff (Non- |
| | | | | | | | | Construction |
| | | | | | | | | Related), Other Spill |
| ! | | | | | | | | Related Impacts, |
| ! | | | | | | | | Sediment |
| ! | | | | | | | | Resuspension |
| ! | | | | | | | | (Contaminated |
| ! | | | | | | | | Sediment), Surface |
| ! | | | | | | | | Mining, Unspecified |
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001_02 | 5070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Urban Stormwater |
| Wolf Cleek 0.0 to 17.0 | 11 miles | K1307001_02 | 3070201 | TVICITUM | 3 110 | *************************************** | Seamentation/Situation | Other Spill Related |
| ! | | | | | | | | Impacts, Surface |
| ! | | | | | | | | Mining, Unspecified |
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001_02 | 5070201 | Martin | 5-NS | WAH | Specific Conductance | Urban Stormwater |
| V 011 010 010 010 17 10 | 11 111105 | 11100/001_02 | 20,0201 | 1/14/17/11 | 0 110 | ,,,,,,,, | Specific Conductance | Highway/Road/Bridg |
| ! | | | | | | | | e Runoff (Non- |
| ! | | | | | | | | Construction |
| ! | | | | | | | | Related), Surface |
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001 02 | 5070201 | Martin | 5-NS | WAH | Total Dissolved Solids | Mining |
| | | | | | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| ! | | | | | | | | Silviculture |
| Wolfpen Branch 0.0 to | | | | | | | | Harvesting, Surface |
| 1.7 | 1.7 miles | KY507038_01 | 5070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Mining |
| | | | | - | | | | Channelization, Loss |
| ! | | | | | | | | of Riparian Habitat, |
| ! | | | | | | | | Silviculture |
| Wolfpen Branch 0.0 to | | | | | | | | Harvesting, Surface |
| 1.7 | 1.7 miles | KY507038_01 | 5070202 | Pike | 5-NS | WAH | Temperature, water | Mining |

| Waterbody & Se | gment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|----------------|--------|------------|--------------|----------------|--------|---------------------|-----|------------------------|---------------------|
| | | | | | | | | | Silviculture |
| Wolfpen Branch | 0.0 to | | | | | | | | Harvesting, Surface |
| 1.7 | | 1.7 miles | KY507038_01 | 5070202 | Pike | 5-NS | WAH | Total Dissolved Solids | Mining |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|-----------------------|------------|--------------|----------------|---------|------------------------|-----|---------------------------------|------------------------------------|
| Dewey Lake | 1100 acres | KY490849_00 | 5070203 | Floyd | 5-PS | SCR | Total Suspended Solids (TSS) | Surface Mining, Upstream Source |
| Fishtrap Reservoir | 1143 acres | KY492142_00 | 5070202 | Pike | 5-PS | FC | PCB in Fish Tissue | Upstream Source |
| Paintsville Reservoir | 1139 acres | KY509958_00 | 5070203 | Johnson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|---------------------------------------|-------------|----------------|---------|---------|------------|---|-----------------------------|-------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Livestock (Grazing or |
| All G 1 07 2 2 2 | 2.5 11 | 1/3/40/041 01 | 5000104 | | 7 NG | 337 A TT | Sedimentation/ | Feeding Operations), |
| Allcorn Creek 0.7 to 3.2 | 2.5 miles | KY485841_01 | 5090104 | Greenup | 5-NS | WAH | Siltation | Loss of Riparian Habitat |
| Allcorn Creek 0.7 to 3.2 | 2.5 miles | KY485841_01 | 5090104 | Greenup | 5-NS | WAH | Temperature, water | Loss of Riparian Habitat |
| | | 111 1000 11_01 | 20,010. | отеснар | 5 1.5 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sedimentation/ | Agriculture, Non-Point |
| Bandy Branch 0.0 to 1.4 | 1.4 miles | KY486311_01 | 5090104 | Elliott | 5-PS | WAH | Siltation | Source |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | G - 1' | Site Clearance (Land |
| Barrett Creek 0.0 to 7.2 | 7.2 miles | VV496026 01 | 5090104 | Carter | 5-PS | WAH | Sedimentation/ Siltation | Development or Redevelopment) |
| Barrett Creek 0.0 to 7.2 | 7.2 IIIIIes | KY486936_01 | 3090104 | Carter | 3-P3 | WAH | Cause | Redevelopment) |
| Cane Creek 0.0 to 4.1 | 4.1 miles | KY488773_01 | 5090104 | Greenup | 5-PS | WAH | Unknown | Source Unknown |
| Cane Creek 0.0 to 1.1 | 1.1 Hilles | 11 100775_01 | 3070101 | Lawrenc | 315 | 117111 | Sedimentation/ | Source Children |
| Dry Fork 1.2 to 4.5 | 3.3 miles | KY491206_01 | 5090104 | e | 5-PS | WAH | Siltation | Silviculture Harvesting |
| | | | | | | | | Loss of Riparian |
| East Fork Little Sandy River | | | | | | | Escherichia | Habitat, Non-Point |
| 24.9 to 26.4 | 1.5 miles | KY491469_03 | 5090104 | Boyd | 5-PS | PCR | coli | Source |
| East Fork Little Sandy River | | | | | | | Sedimentation/ | Legacy Coal Extraction, |
| 27.6 to 30.9 | 3.3 miles | KY491469_05 | 5090104 | Boyd | 5-PS | WAH | Siltation | Loss of Riparian Habitat |
| East Fork Little Sandy River | | | | | | | Escherichia | |
| 4.7 to 14.2 | 9.5 miles | KY491469_01 | 5090104 | Greenup | 5-PS | PCR | coli | Agriculture |
| | | | | | | | Nutrient/Eutrop | |
| | | | | | | | hication | |
| | | | | | | | Biological | |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | 5090104 | Boyd | 5-PS | WAH | Indicators | Source Unknown |
| Filliand and Provided Co. O.O. t. 1.5 | 1.5 | IZX/401/00 01 | 5000104 | D. 1 | 5 DC | 337 A 11 | Sedimentation/ | I CD'a II 1'c . |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | 5090104 | Boyd | 5-PS | WAH | Siltation | Loss of Riparian Habitat |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | 5090104 | Boyd | 5-PS | WAH | Temperature, water | Loss of Riparian Habitat |
| | 5 | | 2070101 | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sedimentation/ | |
| Everman Cr 0.0 to 5.7 | 5.7 miles | KY491855_01 | 5090104 | Carter | 5-PS | WAH | Siltation | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|-----------------------------|------------|---------------|---------|---------|------------|-----------|-----------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | , | | | <u> </u> | | 1 | Managed Pasture |
| | | | | | | | Sedimentation/ | Grazing, Silviculture |
| Garner Cr 0.0 to 1.8 | 1.8 miles | KY492710_01 | 5090104 | Boyd | 5-PS | WAH | Siltation | Harvesting |
| | | | | | | | Nutrient/Eutrop | |
| | | | | | | | hication | |
| H | 2.2 | 1737404022 01 | 5000102 | D . 1 | 5 NO | 337 A T T | Biological | Nian Daint Canan |
| Hurricane Fork 0.0 to 2.2 | 2.2 miles | KY494833_01 | 5090103 | Boyd | 5-NS | WAH | Indicators | Non-Point Source |
| | | | | | | | | Channelization, |
| | | | | | | | | Highway/Road/Bridge Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Loss of Riparian |
| | | | | | | | Sedimentation/ | Habitat, Non-Point |
| Hurricane Fork 0.0 to 2.2 | 2.2 miles | KY494833_01 | 5090103 | Boyd | 5-NS | WAH | Siltation | Source |
| Left Fork Redwine Creek 0.0 | | KY496857- | | | | | Cause | |
| to 1.2 | 1.2 miles | 7.9_01 | 5090104 | Elliott | 5-PS | WAH | Unknown | Source Unknown |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Managed Pasture |
| | | | | | | | | Grazing, Post- |
| | | | | | | | | Development Erosion |
| | | | | | | | | and Sedimentation, Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | | | | | | Sedimentation/ | Unspecified Urban |
| Lick Fork 0.0 to 5.2 | 5.2 miles | KY496506_01 | 5090104 | Elliott | 5-PS | WAH | Siltation | Stormwater |

| | | | 8-Digit | | Assessment | | | |
|--|--------------|--------------|---------|---------|------------|-----|-----------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| The state of the s | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), |
| | | | | | | | | Sand/Gravel/Rock |
| | | | | | | | | Mining or Quarries, |
| | | ****** | | | | | Total Dissolved | Unspecified Urban |
| Lick Fork 0.0 to 5.2 | 5.2 miles | KY496506_01 | 5090104 | Elliott | 5-PS | WAH | Solids | Stormwater |
| | | | | | | | | Livestock (Grazing or |
| Liula Faula Liula Canda Diasa | | | | | | | Sedimentation/ | Feeding Operations), |
| Little Fork Little Sandy River 12.1 to 23.8 | 11.7 miles | KY496737 04 | 5090104 | Carter | 5-PS | WAH | Siltation | Loss of Riparian Habitat, Surface Mining |
| 12.1 to 23.8 | 11.7 IIIIles | K1490/3/_04 | 3090104 | Carter | 3-13 | WAH | Siliation | Channelization, |
| | | | | | | | | Managed Pasture |
| | | | | | | | | Grazing, Non-Irrigated |
| Little Fork Little Sandy River | | | | | | | Sedimentation/ | Crop Production, |
| 23.8 to 29.8 | 6 miles | KY496737_05 | 5090104 | Elliott | 5-NS | WAH | Siltation | Silviculture Harvesting |
| | | | | | | | | Livestock (Grazing or |
| Little Fork Little Sandy River | | | | | | | Sedimentation/ | Feeding Operations), |
| 27.7 to 30.5 | 2.8 miles | KY496737_06 | 5090104 | Elliott | 5-PS | WAH | Siltation | Loss of Riparian Habitat |
| Little Fork Little Sandy River | | | | | | | Temperature, | _ |
| 27.7 to 30.5 | 2.8 miles | KY496737_06 | 5090104 | Elliott | 5-PS | WAH | water | Loss of Riparian Habitat |
| | | | | | | | | Livestock (Grazing or |
| Little Fork Little Sandy River | | | | | | | Sedimentation/ | Feeding Operations), |
| 5.0 to 6.0 | 1 miles | KY496737_02 | 5090104 | Carter | 5-PS | WAH | Siltation | Loss of Riparian Habitat |
| Little Fork Little Sandy River | | | | | | | Temperature, | |
| 5.0 to 6.0 | 1 miles | KY496737_02 | 5090104 | Carter | 5-PS | WAH | water | Loss of Riparian Habitat |
| | | | | | | | | Package Plant or Other |
| Little Fork Little Sandy River | | | | | | | | Permitted Small Flows |
| 6.0 to 12.1 | 6.1 miles | KY496737_03 | 5090104 | Carter | 5-PS | WAH | Chlorine | Discharges |

| | | | 8-Digit | | Assessment | | | |
|--|------------|--------------|----------|---------|------------|-----|-----------------------------|---|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| Little Fork Little Sandy River 6.0 to 12.1 | 6.1 miles | KY496737_03 | 5090104 | Carter | 5-PS | WAH | Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat, Non- Point Source |
| Little Sandy River 0.15 to 0.3 | 0.15 miles | KY496857_01 | 5090104 | 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 | 5090104 | Greenup | 5-PS | WAH | Sedimentation/ Siltation | Source Unknown, Upstream Source |
| Little Sandy River 71.8 to 74.7 | 2.9 miles | KY496857_07 | 5090104 | Elliott | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - other than Hydromodification |
| Lower Stinson Creek 0.0 to 1.1 | 1.1 miles | KY397300_01 | 5090104 | Carter | 5-PS | WAH | Sedimentation/ Siltation | Non-Irrigated Crop Production |
| Middle Fork Little Sandy River 5.8 to 7.5 | 1.7 miles | KY498129_02 | 5090104 | Elliott | 5-PS | WAH | Cause Unknown | Source Unknown |
| Near Fork Sandsuck Creek 1.1 to 2.0 | 0.9 miles | KY499204_01 | 5090104 | Greenup | 5-PS | WAH | Cause Unknown | Non-Point Source, Source Unknown |
| Newcombe Cr. 1.1 to 7.3 | 6.2 miles | KY499428_01 | 05090104 | Elliott | 5-PS | WAH | Sedimentation/ Siltation | Legacy Coal Extraction, Silviculture Activities, Petroleum/Natural Gas Activities |
| Oldtown Cr. 0.0 to 1.9 | 1.9 miles | KY499914_01 | 05090104 | Greenup | 5-PS | WAH | Turbidity | Livestock (Grazing or Feeding Operations), Source Unknown, Loss of Riparian Habitat |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | 5090104 | Greenup | 5-PS | WAH | Oil and Grease | Source Unknown |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914 01 | 5090104 | Greenup | 5-PS | WAH | Sedimentation/ Siltation | Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Source Unknown |

| | | | 0.51.11 | | | | | |
|---------------------------|------------|---------------|-----------------|---------|------------|-----|-----------------|-------------------------|
| W. 1 1 0 C | m . 1 C' | W . 1 1 ID | 8-Digit | | Assessment | | т . | |
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Loss of Riparian |
| | 1.0 '1 | T/X/400014 01 | 7 000104 | | # DG | *** | Temperature, | Habitat, Source |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | 5090104 | Greenup | 5-PS | WAH | water | Unknown |
| | | | | | | | | Crop Production (Crop |
| | | | | | | | | Land or Dry Land), |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Managed Pasture |
| | | | | | | | | Grazing, |
| | | | | | | | | Sand/Gravel/Rock |
| Right Fork Newcombe Creek | | | | | | | Sedimentation/ | Mining or Quarries, |
| 0.0 to 4.2 | 4.2 miles | KY501913_01 | 5090104 | Elliott | 5-PS | WAH | Siltation | Surface Mining |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), |
| | | | | | | | | Sand/Gravel/Rock |
| Right Fork Newcombe Creek | | | | | | | Total Dissolved | Mining or Quarries, |
| 0.0 to 4.2 | 4.2 miles | KY501913_01 | 5090104 | Elliott | 5-PS | WAH | Solids | Surface Mining |
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Highways, Roads, |
| | | | | | | | | Bridges, Infrastructure |
| | | | | | | | | (New Construction), |
| | | | | | | | | Post-Development |
| | | | | | | | | Erosion and |
| | | | | | | | | Sedimentation, Surface |
| | | | | | | | Sedimentation/ | Mining, Unspecified |
| Rocky Branch 0.0 to 3.2 | 3.2 miles | KY502230_01 | 5090104 | Elliott | 5-PS | WAH | Siltation | Urban Stormwater |

| | | | 8-Digit | | Assessment | | | |
|---------------------------------------|------------|-------------------|-----------------|------------|------------|---|-----------------------------|---------------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | · | | • | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Petroleum/Natural Gas |
| | | | | | | | | Production Activities |
| | | | | | | | | (Permitted), Surface |
| | | | | | | | Total Dissolved | Mining, Unspecified |
| Rocky Branch 0.0 to 3.2 | 3.2 miles | KY502230_01 | 5090104 | Elliott | 5-PS | WAH | Solids | Urban Stormwater |
| | | | | | | | | Grazing in Riparian or |
| | | | | | | | | Shoreline Zones, |
| | | | | | | | | Highways, Roads, |
| South Fork Ruin Creek 0.7 to | | | | | | | Sedimentation/ | Bridges, Infrastructure |
| 5.5 | 4.8 miles | KY503975_01 | 5090104 | Elliott | 5-NS | WAH | Siltation | (New Construction) |
| | | | | | | | | Non-Irrigated Crop |
| | 2.0 " | XXX504550 01 | 5 000104 | a . | 7 DG | *** | Sedimentation/ | Production, Silviculture |
| Straight Creek 0.0 to 3.8 | 3.8 miles | KY504550_01 | 5090104 | Carter | 5-PS | WAH | Siltation | Harvesting |
| | | | | | | | | Loss of Riparian |
| | | | | | | | 0 . 1' (/ | Habitat, Post- |
| Tunnal Branch 0.0 to 1.7 | 1.7 miles | VV505569 01 | 5000104 | Cassania | 5 NC | WAII | Sedimentation/ Siltation | Development Erosion and Sedimentation |
| Tunnel Branch 0.0 to 1.7 | 1.7 miles | KY505568_01 | 5090104 | Greenup | 5-NS | WAH | Siliation | Loss of Riparian |
| | | | | | | | | Habitat, Post- |
| | | | | | | | Temperature, | Development Erosion |
| Tunnel Branch 0.0 to 1.7 | 1.7 miles | KY505568 01 | 5090104 | Greenup | 5-NS | WAH | water | and Sedimentation |
| Tumer Branch 0.0 to 1.7 | 1.7 Hilles | KY489573- | 5070104 | Greenup | 3 110 | WAII | Cause | and Scamentation |
| UT of Clay Fork 0.0 to 1.2 | 1.2 miles | 2.3_01 | 5090104 | Elliott | 5-PS | WAH | Unknown | Source Unknown |
| 2 1 01 Clay 1 01k 0.0 to 1.2 | 1.2 111100 | KY489573- | 5070101 | Ziiiott | 3.15 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sedimentation/ | Non-Point Source, |
| UT of Clay Fork 0.0 to 1.2 | 1.2 miles | 2.3_01 | 5090104 | Elliott | 5-PS | WAH | Siltation | Source Unknown |
| 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | 1.51 <u>~</u> * - | | | | | Nutrient/Eutrop | On-Site Treatment |
| | | | | | | | hication | Systems (Septic |
| UT to East Fork Little Sandy | | KY491469- | | | | | Biological | Systems and Similar |
| River 0.0 to 0.3 | 0.3 miles | 8.1_01 | 5090104 | Greenup | 5-NS | WAH | Indicators | Decentralized Systems) |

| | | | 8-Digit | | Assessment | | | |
|--|------------|---------------------|---------|---------|------------|-----|---|--|
| Waterbody & Segment | Total Size | Waterbody ID | 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 | 5090104 | Greenup | 5-NS | WAH | Organic Enrichment (Sewage) 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 | 5090104 | 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 | 5090104 | Greenup | 5-NS | WAH | Total Dissolved Solids | On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Wells Creek 0.0 to 3.5 | 3.5 miles | KY506380_01 | 5090104 | Elliott | 5-PS | WAH | Sedimentation/ Siltation | Impacts from Abandoned Mine Lands (Inactive), Managed Pasture Grazing, Non- Irrigated Crop Production, Silviculture Harvesting |
| Whetstone Creek 1.2 to 3.3 | 2.1 miles | KY506547_01 | 5090104 | Greenup | 5-NS | WAH | Nutrient/Eutrop hication Biological Indicators | Non-Point Source, Source Unknown |
| Whetstone Creek 1.2 to 3.3 | 2.1 miles | KY506547_01 | 5090104 | Greenup | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat, Non-Point Source, Source Unknown |
| Williams Creek 0.0 to 2.9 | 2.9 miles | KY506818_01 | 5090104 | Boyd | 5-PS | WAH | Cause Unknown | Source Unknown |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|----------------|--------|---------------------|-----|----------------|--------------------------|
| | | | | | | | | Habitat Modification - |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Natural Sources, |
| | | | | | | | | Streambank |
| | | | | | | | Sedimentation/ | Modifications/Destabiliz |
| Williams Creek 0.0 to 2.9 | 2.9 miles | KY506818 01 | 5090104 | Boyd | 5-PS | WAH | Siltation | ation |

| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------|------------|--------------|----------------|--------|------------------------|-----|------------------------|---------------------|
| Grayson Lake | 1512 acres | KY493224_00 | 5090104 | Carter | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |

| | | | 8-Digit | | Assessment | | | |
|----------------------------|-------------|---------------|---------|----------|------------|-----------|----------------------------|--|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| , , | | j | | , , | <u> </u> | | • | |
| | | | | | | | Nutrient/Eutrophication | Non-Irrigated Crop |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | 5090103 | Greenup | 5-NS | WAH | Biological Indicators | Production Production |
| , | | | | r | | | | Channelization, |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| | | | | | | | | Non-Irrigated Crop |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | 5090103 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Production |
| | | | | | | | | Highway/Road/Bridge |
| | | | | | | | | Runoff (Non- |
| | | | | | | | | Construction Related), |
| N 1 D 100.20 | 2.0 11 | 1737400417 01 | 5000102 | | 5 NO | 337 4 7 7 | T . 1D' 1 10 1'1 | Non-Irrigated Crop |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | 5090103 | Greenup | 5-NS | WAH | Total Dissolved Solids | Production |
| | | | | | | | | Loss of Riparian Habitat, Non-Point |
| Rockhouse Fork 0.0 to 2.1 | 2.1 miles | KY502201 01 | 5090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Source |
| ROCKHOUSE FOIR 0.0 to 2.1 | 2.1 IIIIIes | K1302201_01 | 3090103 | Greenup | 3-13 | WAII | Sedifficitiation/Sittation | Source |
| Rockhouse Fork 0.0 to 2.1 | 2.1 miles | KY502201_01 | 5090103 | Cassania | 5-PS | WAH | Specific Conductance | Coal Mining |
| ROCKHOUSE FOIR 0.0 to 2.1 | 2.1 IIIIIes | K 1 302201_01 | 3090103 | Greenup | 3-P3 | WAI | Specific Conductance | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Post-Development |
| UT to Chinns Branch 0.0 to | | KY489481- | | | | | | Erosion and |
| 1.1 | 1.1 miles | 0.8_01 | 5090103 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Sedimentation |
| | | | | P | | | | Channelization, Loss |
| | | | | | | | | of Riparian Habitat, |
| | | | | | | | | Post-Development |
| UT to Chinns Branch 0.0 to | | KY489481- | | | | | | Erosion and |
| 1.1 | 1.1 miles | 0.8_01 | 5090103 | Greenup | 5-NS | WAH | Temperature, water | Sedimentation |

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List Tygarts Creek Basin Streams

| | | | 8-Digit | | Assessment | | | |
|--------------------------|-------------|--------------|---------|---------|------------|-----------|----------------------------|-------------------------------|
| Waterbody & Segment | Total Size | Waterbody ID | HUC | County | Category | Use | Impairment | Suspected Source(s) |
| | | | | | | | | Loss of Riparian |
| | | | | _ | | | | Habitat, Managed |
| Backs Branch 0.0 to 0.9 | 0.9 miles | KY486191_01 | 5090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Pasture Grazing |
| | | | | | | | | Channelization, |
| | | | | | | | | Dredge Mining, |
| | | | | | | | | Dredging (e.g., for |
| | | | | | | | | Navigation Channels), Managed |
| Jacobs Fork 3.6 to 5.7 | 2.1 miles | KY495138_02 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Pasture Grazing |
| Jacobs Folk 3.0 to 3.7 | 2.1 IIIIIes | K1493136_02 | 3090103 | Carter | 3-13 | WAI | Sedifficitiation/Sittation | Non-Irrigated Crop |
| | | | | | | | | Production, Source |
| | | | | | | | | Unknown, |
| | | | | | | | | Unrestricted Cattle |
| Jacobs Fork 0.0 to 2.05 | 2.05 miles | KY495138_01 | 5090103 | Carter | 5-PS | WAH | Cause Unknown | Access |
| | | | | | | | | Non-Irrigated Crop |
| | | | | | | | | Production, |
| | | | | | | | | Unrestricted Cattle |
| Jacobs Fork 0.0 to 2.05 | 2.05 miles | KY495138_01 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Access |
| | | | | | | | | Channelization, Loss |
| Schultz Creek 4.7 to 7.5 | 2.8 miles | KY503068_02 | 5090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | of Riparian Habitat |
| | | | | | | | | Livestock (Grazing |
| | | | | | | | | or Feeding |
| Smith Creek 2.0 to 4.3 | 2.3 miles | KY503783_01 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Operations) |
| | | | | | | | | |
| Smith Creek 2.0 to 4.3 | 2.3 miles | KY503783_01 | 5090103 | Carter | 5-PS | WAH | Temperature, water | Source Unknown |
| Soldier Fork 0.0 to 5.5 | 5.5 miles | KY515532_01 | 5090103 | Carter | 5-PS | WAH | Cause Unknown | Source Unknown |
| | | | | | | | | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, |
| | | ************ | #000405 | | 5 DG | **** | | Non-Point Source, |
| Soldier Fork 0.0 to 5.5 | 5.5 miles | KY515532_01 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| | | | | | | | | Channelization, Post- |
| To 1. Com 1.5 to 6.1 | 4.6 | WWE05516 01 | 5000102 | C | 5 DC | 337 A T T | G : 1' | Development Erosion |
| Trough Camp 1.5 to 6.1 | 4.6 miles | KY505516_01 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | and Sedimentation |

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List Tygarts Creek Basin Streams

| | | | 0 Dini4 | | A | | | |
|------------------------------|-------------|--------------|----------------|--------------|---------------------|--------|-------------------------|-----------------------|
| Waterbody & Segment | Total Size | Waterbody ID | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
| waterbody & Segment | Total Size | waterbody ID | Hoc | County | Category | USC | Impairment | Suspected Source(s) |
| Towards Corolls 0.2 to 25.0 | 24.0:1 | WW516000 01 | 5000102 | C | 5 NC | FC | M-411 | Carra a Halanaana |
| Tygarts Creek 0.2 to 25.0 | 24.8 miles | KY516088_01 | 5090103 | Greenup | 5-NS | FC | Methylmercury | Source Unknown |
| Tygarts Creek 0.2 to 25.0 | 24.8 miles | KY516088_01 | 5090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| Triports Creals 25.0 to 26.2 | 11.3 miles | KY516088_02 | 5090103 | Cassassa | 5-NS | FC | Mathylmonoum | Source Unknown |
| Tygarts Creek 25.0 to 36.3 | 11.5 lilles | K1310088_02 | 3090103 | Greenup | 3-183 | ГC | Methylmercury | Source Unknown |
| | | | | | | | Nutrient/Eutrophication | Agriculture, Non- |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | 5090103 | Greenup | 5-PS | WAH | Biological Indicators | Point Source |
| | | | | | | | | |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | 5090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| | | | | | | | | Agriculture, Loss of |
| | | | | | | | | Riparian Habitat, |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | 5090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Non-Point Source |
| | | | | | | | | |
| Tygarts Creek 36.3 to 45.5 | 9.2 miles | KY516088_03 | 5090103 | Greenup | 5-NS | FC | Methylmercury | Source Unknown |
| | | | | | | | | |
| Tygarts Creek 36.3 to 45.5 | 9.2 miles | KY516088_03 | 5090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| | | | | | | | | Coal Mining, Loss of |
| | | | | | | | | Riparian Habitat, |
| Tygarts Creek 83.2 to 88.6 | 5.4 miles | KY516088_06 | 5090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Non-Point Source |
| | | | | | | | | Coal Mining, Loss of |
| | | | | | | | | Riparian Habitat, |
| Tygarts Creek 83.2 to 88.6 | 5.4 miles | KY516088_06 | 5090103 | Carter | 5-PS | WAH | Specific Conductance | Non-Point Source |
| | | | | | | | | Habitat Modification- |
| | | | | | | | | other than |
| | | | | | | | | Hydromodification, |
| | | | | | | | | Highways, Roads, |
| | | | | | | | | Bridges, |
| White Oak Court 0.044 1.1 | 1.1 | WW506615 01 | 05000103 | Constitution | 5 NG | XX/ATT | Canaa Halas | Infrastructure (New |
| White Oak Creek 0.0 to 1.1 | 1.1 miles | KY506615_01 | 05090103 | Greenup | 5-NS | WAH | Cause Unknown | Construction) |

| W | T. 4 -1 0' . | NHD River | 8-Digit | Ca. at | Assessment | T T | I | Suspected |
|-----------------------------|--------------|------------------|-----------|----------------|------------|------------|----------------------------|-------------------|
| Waterbody & Segment | Total Size | miles | HUC | County | Category | Use | Impairment | Source(s) |
| Ohi : Di : : 217.2 (: 210.4 | 2.2 | 217 64 210 7 | 05000102 | D. 1 | 5 NG | DCD | Escherichia | C II.1 |
| Ohio River 317.2 to 319.4 | 2.2 miles | 317.6 to 319.7 | 05090103 | Boyd | 5-NS | PCR | coli | Source Unknown |
| Ohi - Pi 217 24- 210 4 | 2.2 | 217 6 42 210 7 | 05000102 | Danid | 5-PS | FC | Diamin | Carrage Halmann |
| Ohio River 317.2 to 319.4 | 2.2 miles | 317.6 to 319.7 | 05090103 | Boyd | 3-PS | FC | Dioxin | Source Unknown |
| Ohio River 317.2 to 319.4 | 2.2 miles | 317.6 to 319.7 | 05090103 | Boyd | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Olilo River 317.2 to 319.4 | 2.2 IIIIes | 317.0 10 319.7 | 03090103 | Боуц | 3-13 | FC | d bipliellyis | Source Ulikilowii |
| Ohio River 319.4 to 340.8 | 21.4 miles | 319.7 to 341.05 | 05090103 | Boyd, Greenup | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 319.4 to 340.8 | 21.4 miles | 319.7 to 341.05 | 05090103 | Boyd, Greenup | 5-PS | PCR | coli | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 319.4 to 340.8 | 21.4 miles | 319.7 to 341.05 | 05090103 | Boyd, Greenup | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| Ohio River 340.8 to 356.6 | 15.8 miles | 341.05 to 356.8 | 05090103 | Greenup | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 340.8 to 356.6 | 15.8 miles | 341.05 to 356.8 | 05090103 | Greenup | 5-PS | FC | d biphenyls | Source Unknown |
| | | | 05090103, | | | | | |
| Ohio River 356.6 to 377.7 | 21.1 miles | 356.8 to 377.65 | 05090201 | Greenup, Lewis | 5-PS | FC | Dioxin | Source Unknown |
| | | | 05090103, | | | | Escherichia | |
| Ohio River 356.6 to 377.7 | 21.1 miles | 356.8 to 377.65 | 05090201 | Greenup, Lewis | 5-PS | PCR | coli | Source Unknown |
| | | | 05090103, | | | | Polychlorinate | |
| Ohio River 356.6 to 377.7 | 21.1 miles | 356.8 to 377.65 | 05090201 | Greenup, Lewis | 5-PS | FC | d biphenyls | Source Unknown |
| Ohio River 377.7 to 382.9 | 5.2 miles | 377.65 to 382.85 | 05090201 | Lewis | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 377.7 to 382.9 | 5.2 miles | 377.65 to 382.85 | 05090201 | Lewis | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | 1 | | 1 7 | |
| Ohio River 382.9 to 388.0 | 5.1 miles | 382.85 to 388.0 | 05090201 | Lewis | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 382.9 to 388.0 | 5.1 miles | 382.85 to 388.0 | 05090201 | Lewis | 5-PS | PCR | coli | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 382.9 to 388.0 | 5.1 miles | 382.85 to 388.0 | 05090201 | Lewis | 5-PS | FC | d biphenyls | Source Unknown |

| Waterbody & Segment | Total Size | NHD River | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|----------------------------|---|-----------------|----------------|--------------------------|------------------------|-----|----------------------------|------------------------|
| | 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 333300 | | | | | | |
| | | | | Lewis, Mason, | | | | |
| Ohio River 388.0 to 436.5 | 48.5 miles | 388.0 to 436.2 | 05090201 | Bracken | 5-PS | FC | Dioxin | Source Unknown |
| | | | | Lauria Massa | | | Dalambla sin sta | |
| Ohio River 388.0 to 436.5 | 48.5 miles | 388.0 to 436.2 | 05090201 | Lewis, Mason, Bracken | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| | | | | Bracken, | | | | |
| | | | 05090201, | Pendleton, | | | | |
| Ohio River 436.5 to 464.5 | 28 miles | 436.2 to 464.1 | 05090203 | Campbell | 5-PS | FC | Dioxin | Source Unknown |
| | | | 05090201, | Bracken, Pendleton, | | | Polychlorinate | |
| Ohio River 436.5 to 464.5 | 28 miles | 436.2 to 464.1 | 05090201, | Campbell | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| Ohio River 464.5 to 465.2 | 0.7 miles | 464.1 to 464.8 | 05090203 | Campbell | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 464.5 to 465.2 | 0.7 miles | 464.1 to 464.8 | 05090203 | Campbell | 5-PS | PCR | Escherichia coli | Source Unknown |
| Olilo Kivel 404.5 to 405.2 | 0.7 miles | 404.1 to 404.8 | 03090203 | Campoen | 3-13 | TCK | Polychlorinate | Source Offkilowif |
| Ohio River 464.5 to 465.2 | 0.7 miles | 464.1 to 464.8 | 05090203 | Campbell | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| Ohio River 465.2 to 469.3 | 4.1 miles | 464.8 to 468.85 | 05090203 | Campbell | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 465.2 to 469.3 | 4.1 miles | 464.8 to 468.85 | 05090203 | Campbell | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Olilo River 403.2 to 407.3 | 4.1 miles | 404.0 10 400.03 | 03070203 | Campoen | 3-13 | 10 | Escherichia | Source Christiani |
| Ohio River 469.3 to 471.4 | 2.1 miles | 468.85 to 471.0 | 05090203 | Campbell, Kenton | 5-NS | PCR | coli | Source Unknown |
| | | | | | | | | |
| Ohio River 469.3 to 471.4 | 2.1 miles | 468.85 to 471.0 | 05090203 | Campbell, Kenton | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 469.3 to 471.4 | 2.1 miles | 468.85 to 471.0 | 05090203 | Campbell, Kenton | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| One River 407.3 to 4/1.4 | 2.1 111103 | 100.03 10 471.0 | 03070203 | campoen, icenton | 310 | 10 | a orphenyis | Source Official Will |
| Ohio River 471.4 to 475.1 | 3.7 miles | 471.0 to 474.65 | 05090203 | Kenton | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 471.4 to 475.1 | 3.7 miles | 471.0 to 474.65 | 05090203 | Kenton | 5-PS | PCR | coli | Source Unknown |

| Waterbody & Segment | Total Size | NHD River | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|-------------|-----------------|-----------------------|--|------------------------|-----|----------------------------|------------------------|
| Ohio River 471.4 to 475.1 | 3.7 miles | 471.0 to 474.65 | 05090203 | · | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Onio River 4/1.4 to 4/3.1 | 5.7 Illies | 4/1.0 to 4/4.03 | 03090203 | Kenton | 3-P3 | ГC | Escherichia | Source Unknown |
| Ohio River 475.1 to 477.6 | 2.5 miles | 474.65 to 477.1 | 05090203 | Kenton, Boone | 5-NS | PCR | coli | Source Unknown |
| Ohio River 475.1 to 477.6 | 2.5 miles | 474.65 to 477.1 | 05090203 | Kenton, Boone | 5-PS | FC | Dioxin | Source Unknown |
| Onio River 4/3.1 to 4/7.0 | 2.3 filles | 4/4.03 t0 4/7.1 | 03090203 | Kenton, Boone | 3-P3 | ГC | Polychlorinate | Source Unknown |
| Ohio River 475.1 to 477.6 | 2.5 miles | 474.65 to 477.1 | 05090203 | Kenton, Boone | 5-PS | FC | d biphenyls | Source Unknown |
| Ohio River 477.6 to 488.0 | 10.4 miles | 477.1 to 487.4 | 05090203 | Boone | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 477.6 to 488.0 | 10.4 miles | 477.1 to 487.4 | 05090203 | Boone | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 477.6 to 488.0 | 10.4 miles | 477.1 to 487.4 | 05090203 | Boone | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 488.0 to 603.3 | 115.3 miles | 487.4 to 602.1 | 05090203, 05140101 | Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 488.0 to 603.3 | 115.3 miles | 487.4 to 602.1 | 05090203, 05140101 | Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 603.3 to 608.1 | 4.8 miles | 602.1 to 606.6 | 05140101 | Jefferson | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 603.3 to 608.1 | 4.8 miles | 602.1 to 606.6 | 05140101 | Jefferson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 603.3 to 608.1 | 4.8 miles | 602.1 to 606.6 | 05140101 | Jefferson | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |

| | | NHD River | 8-Digit | | Assessment | | | Suspected |
|---------------------------|------------|-----------------|-----------|--------------------|------------|-----|----------------|----------------|
| Waterbody & Segment | Total Size | miles | HUC | County | Category | Use | Impairment | Source(s) |
| | | | | | | | Escherichia | |
| Ohio River 608.1 to 609.2 | 1.1 miles | 606.6 to 607.65 | 05140101 | Jefferson | 5-NS | PCR | coli | Source Unknown |
| | | | | | | | | |
| Ohio River 608.1 to 609.2 | 1.1 miles | 606.6 to 607.65 | 05140101 | Jefferson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 608.1 to 609.2 | 1.1 miles | 606.6 to 607.65 | 05140101 | Jefferson | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| Ohio River 609.2 to 614.9 | 5.7 miles | 607.65 to 613.3 | 05140101 | Jefferson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 609.2 to 614.9 | 5.7 miles | 607.65 to 613.3 | 05140101 | Jefferson | 5-PS | PCR | coli | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 609.2 to 614.9 | 5.7 miles | 607.65 to 613.3 | 05140101 | Jefferson | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| | | | 05140101, | Jefferson, Hardin, | | | Escherichia | |
| Ohio River 614.9 to 683.0 | 68.1 miles | 613.3 to 680.9 | 05140104 | Meade | 5-NS | PCR | coli | Source Unknown |
| | | | | | | | | |
| | | | 05140101, | Jefferson, Hardin, | | | | |
| Ohio River 614.9 to 683.0 | 68.1 miles | 613.3 to 680.9 | 05140104 | Meade | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | | |
| | | | 05140101, | Jefferson, Hardin, | | | Mercury in | |
| Ohio River 614.9 to 683.0 | 68.1 miles | 613.3 to 680.9 | 05140104 | Meade | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | | |
| | | | 05140101, | Jefferson, Hardin, | | | Polychlorinate | |
| Ohio River 614.9 to 683.0 | 68.1 miles | 613.3 to 680.9 | 05140104 | Meade | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| | | | | Meade, | | | | |
| | | | 05140104, | Breckinridge, | | | | |
| Ohio River 683.0 to 719.5 | 36.5 miles | 680.9 to 716.8 | 05140201 | Hancock | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | | |
| | | | | Meade, | | | | |
| | | | 05140104, | Breckinridge, | | | Mercury in | |
| Ohio River 683.0 to 719.5 | 36.5 miles | 680.9 to 716.8 | 05140201 | Hancock | 5-PS | FC | Water Column | Source Unknown |

| Waterbody & Segment | Total Size | NHD River | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|----------------|-----------------------|------------------------------------|------------------------|-----|----------------------------|------------------------|
| Ohio River 683.0 to 719.5 | 36.5 miles | 680.9 to 716.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 683.0 to 719.5 | 36.5 miles | 680.9 to 716.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 719.5 to 735.7 | 18.2 miles | 716.8 to 732.8 | 05140201 | Hancock | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 719.5 to 735.7 | 18.2 miles | 716.8 to 732.8 | 05140201 | Hancock | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 719.5 to 735.7 | 18.2 miles | 716.8 to 732.8 | 05140201 | Hancock | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 719.5 to 735.7 | 18.2 miles | 716.8 to 732.8 | 05140201 | Hancock | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 735.7 to 756.4 | 20.7 miles | 732.8 to 753.1 | 05140201 | Hancock, Daviess | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 735.7 to 756.4 | 20.7 miles | 732.8 to 753.1 | 05140201 | Hancock, Daviess | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 735.7 to 756.4 | 20.7 miles | 732.8 to 753.1 | 05140201 | Hancock, Daviess | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 735.7 to 756.4 | 20.7 miles | 732.8 to 753.1 | 05140201 | Hancock, Daviess | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 756.4 to 760.6 | 4.2 miles | 753.1 to 757.0 | 05140201 | Daviess | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 756.4 to 760.6 | 4.2 miles | 753.1 to 757.0 | 05140201 | Daviess | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 756.4 to 760.6 | 4.2 miles | 753.1 to 757.0 | 05140201 | Daviess | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 756.4 to 760.6 | 4.2 miles | 753.1 to 757.0 | 05140201 | Daviess | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |

| Waterbody & Segment | Total Size | NHD River | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|-------------|----------------------|-----------------------|-----------------------|------------------------|-------|----------------------------|------------------------|
| waterbody & Segment | Total Size | mics | nec | County | Category | 030 | пирантнен | Source(s) |
| | | | 05140201, | Daviess, | | | | |
| Ohio River 760.6 to 789.3 | 28.7 miles | 757.0 to 785.55 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | | |
| | | | 05140201, | Daviess, | | | Mercury in | |
| Ohio River 760.6 to 789.3 | 28.7 miles | 757.0 to 785.55 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | | |
| Ohio River 760.6 to 789.3 | 28.7 miles | 757.0 to 785.55 | 05140201, 05140202 | Daviess, Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Onio River 700.0 to 789.5 | 28.7 IIIIes | 737.0 10 783.33 | 03140202 | Heliderson | 3-P3 | PCK | COII | Source Unknown |
| | | | 05140201, | Daviess, | | | Polychlorinate | |
| Ohio River 760.6 to 789.3 | 28.7 miles | 757.0 to 785.55 | 05140201, | Henderson | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 789.3 to 792.1 | 2.8 miles | 785.55 to 788.4 | 05140202 | Henderson | 5-NS | PCR | coli | Source Unknown |
| | | | | | | | | |
| Ohio River 789.3 to 792.1 | 2.8 miles | 785.55 to 788.4 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| 011 81 500 0 500 1 | | 505.55 500.4 | 0.71.10202 | ** . | - DG | | Mercury in | |
| Ohio River 789.3 to 792.1 | 2.8 miles | 785.55 to 788.4 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| Ohio River 789.3 to 792.1 | 2.8 miles | 785.55 to 788.4 | 05140202 | Henderson | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Olio River 789.3 to 792.1 | 2.6 IIIIes | 763.33 to 766.4 | 03140202 | Henderson | 3-1-3 | TC | d diphenyis | Source Clikilowii |
| Ohio River 792.1 to 793.2 | 1.1 miles | 788.4 to 789.3 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Mercury in | |
| Ohio River 792.1 to 793.2 | 1.1 miles | 788.4 to 789.3 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 792.1 to 793.2 | 1.1 miles | 788.4 to 789.3 | 05140202 | Henderson | 5-PS | PCR | coli | Source Unknown |
| 011 71 702 1 702 2 | | 700 4 . 700 3 | 0.51.40202 | ** 1 | 5 DG | FC | Polychlorinate | |
| Ohio River 792.1 to 793.2 | 1.1 miles | 788.4 to 789.3 | 05140202 | Henderson | 5-PS | FC | d biphenyls | Source Unknown |
| Ohio River 793.2 to 798.4 | 5.2 miles | 789.3 to 794.45 | 05140202 | Henderson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Onto Kive 193.2 to 190.4 | J.Z IIIICS | 707.3 10 734.43 | 03170202 | TICHUCISUH | J-110 | 1 CIX | COII | Source Officiowii |
| Ohio River 793.2 to 798.4 | 5.2 miles | 789.3 to 794.45 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |

| W. 1 1 0 C | m . 10' | NHD River | 8-Digit | | Assessment | TT | T . | Suspected |
|---------------------------|------------|----------------------|------------|------------|------------|-----|----------------------------|-----------------|
| Waterbody & Segment | Total Size | miles | HUC | County | Category | Use | Impairment | Source(s) |
| 01: P: 702.2 700.4 | 5.0 " | 700.2 . 704.45 | 05140202 | ** 1 | 5 DG | FG | Mercury in | G 77.1 |
| Ohio River 793.2 to 798.4 | 5.2 miles | 789.3 to 794.45 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| 01: D: 500 0 500 4 | | 5 00 2 | 0.54.40202 | ** . | - DG | | Polychlorinate | |
| Ohio River 793.2 to 798.4 | 5.2 miles | 789.3 to 794.45 | 05140202 | Henderson | 5-PS | FC | d biphenyls | Source Unknown |
| Ohio River 798.4 to 799.8 | 1.4 miles | 794.45 to 795.85 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Mercury in | |
| Ohio River 798.4 to 799.8 | 1.4 miles | 794.45 to 795.85 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 798.4 to 799.8 | 1.4 miles | 794.45 to 795.85 | 05140202 | Henderson | 5-PS | PCR | coli | Source Unknown |
| Ohio River 798.4 to 799.8 | 1.4 miles | 794.45 to 795.85 | 05140202 | Henderson | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Olio River 750.4 to 755.6 | 1.4 IIIICS | 774.43 to 773.03 | 03140202 | Tienderson | 3-13 | 10 | Escherichia | Source Chikhowh |
| Ohio River 799.8 to 802.9 | 3.1 miles | 795.85 to 789.9 | 05140202 | Henderson | 5-NS | PCR | coli | Source Unknown |
| Olio River 755.8 to 602.5 | 3.1 imics | 773.03 to 707.7 | 03140202 | Henderson | 3 110 | TCR | COII | Source Chikhowh |
| Ohio River 799.8 to 802.9 | 3.1 miles | 795.85 to 789.9 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Mercury in | |
| Ohio River 799.8 to 802.9 | 3.1 miles | 795.85 to 789.9 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 799.8 to 802.9 | 3.1 miles | 795.85 to 789.9 | 05140202 | Henderson | 5-PS | FC | d biphenyls | Source Unknown |
| Ohio River 802.9 to 820.1 | 17.2 miles | 789.9 to 816.25 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Mercury in | |
| Ohio River 802.9 to 820.1 | 17.2 miles | 789.9 to 816.25 | 05140202 | Henderson | 5-PS | FC | Water Column | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 802.9 to 820.1 | 17.2 miles | 789.9 to 816.25 | 05140202 | Henderson | 5-PS | PCR | coli | Source Unknown |
| | | | | | | | Polychlorinate | |
| Ohio River 802.9 to 820.1 | 17.2 miles | 789.9 to 816.25 | 05140202 | Henderson | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | Escherichia | |
| Ohio River 820.1 to 826.4 | 6.3 miles | 816.25 to 822.5 | 05140202 | Henderson | 5-NS | PCR | coli | Source Unknown |
| | | | | | | | | |
| Ohio River 820.1 to 826.4 | 6.3 miles | 816.25 to 822.5 | 05140202 | Henderson | 5-PS | FC | Dioxin | Source Unknown |

| Waterbody & Segment | Total Size | NHD River miles | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|-----------------|-----------------------|------------------|------------------------|-----|----------------------------|------------------------|
| Ohio River 820.1 to 826.4 | 6.3 miles | 816.25 to 822.5 | 05140202 | Henderson | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 820.1 to 826.4 | 6.3 miles | 816.25 to 822.5 | 05140202 | Henderson | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 826.4 to 847.3 | 20.9 miles | 822.5 to 843.1 | 05140202 | Henderson, Union | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 826.4 to 847.3 | 20.9 miles | 822.5 to 843.1 | 05140202 | Henderson, Union | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 826.4 to 847.3 | 20.9 miles | 822.5 to 843.1 | 05140202 | Henderson, Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 826.4 to 847.3 | 20.9 miles | 822.5 to 843.1 | 05140202 | Henderson, Union | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 847.3 to 853.4 | 6.1 miles | 843.1 to 849.35 | 05140202, 05140203 | Union | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 847.3 to 853.4 | 6.1 miles | 843.1 to 849.35 | 05140202, 05140203 | Union | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 847.3 to 853.4 | 6.1 miles | 843.1 to 849.35 | 05140202, 05140203 | Union | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 853.4 to 857.6 | 4.2 miles | 849.35 to 853.3 | 05140203 | Union | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 853.4 to 857.6 | 4.2 miles | 849.35 to 853.3 | 05140203 | Union | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 853.4 to 857.6 | 4.2 miles | 849.35 to 853.3 | 05140203 | Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 853.4 to 857.6 | 4.2 miles | 849.35 to 853.3 | 05140203 | Union | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 857.6 to 862.1 | 4.5 miles | 853.3 to 857.8 | 05140203 | Union | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 857.6 to 862.1 | 4.5 miles | 853.3 to 857.8 | 05140203 | Union | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 857.6 to 862.1 | 4.5 miles | 853.3 to 857.8 | 05140203 | Union | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |

| Waterbody & Segment | Total Size | NHD River miles | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|-----------------|----------------|---------------------------|------------------------|-----|----------------------------|------------------------|
| Ohio River 862.1 to 872.8 | 10.7 miles | 857.8 to 868.3 | 05140203 | Union | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 862.1 to 872.8 | 10.7 miles | 857.8 to 868.3 | 05140203 | Union | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 862.1 to 872.8 | 10.7 miles | 857.8 to 868.3 | 05140203 | Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 862.1 to 872.8 | 10.7 miles | 857.8 to 868.3 | 05140203 | Union | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 872.8 to 878.2 | 5.4 miles | 868.3 to 873.25 | 05140203 | Union, Crittenden | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 872.8 to 878.2 | 5.4 miles | 868.3 to 873.25 | 05140203 | Union, Crittenden | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 872.8 to 878.2 | 5.4 miles | 868.3 to 873.25 | 05140203 | Union, Crittenden | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Ohio River 878.2 to 882.9 | 4.7 miles | 873.25 to 877.9 | 05140203 | Crittenden | 5-PS | FC | Dioxin | Source Unknown |
| Ohio River 878.2 to 882.9 | 4.7 miles | 873.25 to 877.9 | 05140203 | Crittenden | 5-PS | FC | Mercury in Water Column | Source Unknown |
| Ohio River 878.2 to 882.9 | 4.7 miles | 873.25 to 877.9 | 05140203 | Crittenden | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 878.2 to 882.9 | 4.7 miles | 873.25 to 877.9 | 05140203 | Crittenden | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| | | | | | | | | |
| Ohio River 882.9 to 894.6 | 11.7 miles | 877.9 to 889.45 | 05140203 | Crittenden, Livingston | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | | |
| Ohio River 882.9 to 894.6 | 11.7 miles | 877.9 to 889.45 | 05140203 | Crittenden, Livingston | 5-PS | FC | Mercury in Water Column | Source Unknown |

| Waterbody & Segment | Total Size | NHD River | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|----------------------------|-------------|------------------|-----------------------|---------------------------|------------------------|-----|----------------------------|------------------------|
| , , | | | | , | | | | |
| | | | | | | | | |
| Ohio River 882.9 to 894.6 | 11.7 miles | 877.9 to 889.45 | 05140203 | Crittenden, Livingston | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |
| Offic Kiver 882.9 to 894.0 | 11.7 IIIICS | 877.9 to 669.43 | 03140203 | Livingston | 3-13 | TC | d diplicity is | Source Officiowif |
| Ohio River 894.6 to 910.3 | 15.7 miles | 889.45 to 904.85 | 05140203 | Livingston | 5-PS | FC | Dioxin | Source Unknown |
| | | | | | | | Mercury in | |
| Ohio River 894.6 to 910.3 | 15.7 miles | 889.45 to 904.85 | 05140203 | Livingston | 5-PS | FC | Water Column | Source Unknown |
| Ohio River 894.6 to 910.3 | 15.7 miles | 889.45 to 904.85 | 05140203 | Livingston | 5-PS | PCR | Escherichia coli | Source Unknown |
| Olilo Kivei 894.0 to 910.5 | 13.7 IIIIes | 889.43 10 904.83 | 03140203 | Livingston | 3-13 | TCK | Polychlorinate | Source Officiowif |
| Ohio River 894.6 to 910.3 | 15.7 miles | 889.45 to 904.85 | 05140203 | Livingston | 5-PS | FC | d biphenyls | Source Unknown |
| | | | 05140203, | | | | | |
| Ohio River 910.3 to 920.5 | 10.2 miles | 904.85 to 914.9 | 05140206 | Livingston | 5-PS | FC | Dioxin | Source Unknown |
| Ohia Diagra 010 2 to 020 5 | 10.2 1 | 004.95 4- 014.0 | 05140203, 05140206 | T industria | 5-PS | FC | Mercury in Water Column | Carra Halman |
| Ohio River 910.3 to 920.5 | 10.2 miles | 904.85 to 914.9 | 05140203 | Livingston | 3-P3 | ГC | Polychlorinate | Source Unknown |
| Ohio River 910.3 to 920.5 | 10.2 miles | 904.85 to 914.9 | 05140205, | Livingston | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | • | |
| Ohio River 920.5 to 925.8 | 5.3 miles | 914.9 to 919.85 | 05140206 | Livingston | 5-PS | FC | Dioxin | Source Unknown |
| 01: 10: 020 5 : 025 0 | | 0140 . 010.05 | 05140206 | *** | 7 DG | FG | Mercury in | G |
| Ohio River 920.5 to 925.8 | 5.3 miles | 914.9 to 919.85 | 05140206 | Livingston | 5-PS | FC | Water Column Escherichia | Source Unknown |
| Ohio River 920.5 to 925.8 | 5.3 miles | 914.9 to 919.85 | 05140206 | Livingston | 5-PS | PCR | coli | Source Unknown |
| | | | | 6 **** | | | Polychlorinate | |
| Ohio River 920.5 to 925.8 | 5.3 miles | 914.9 to 919.85 | 05140206 | Livingston | 5-PS | FC | d biphenyls | Source Unknown |
| | | | | | | | | |
| | | | | * | | | | |
| | | | | Livingston, McCracken, | | | | |
| Ohio River 925.8 to 981.0 | 55.2 miles | 919.85 to 974.9 | 05140206 | Ballard, Carlisle | 5-PS | FC | Dioxin | Source Unknown |

| Waterbody & Segment | Total Size | NHD River miles | 8-Digit HUC | County | Assessment Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|-----------------|----------------|--|------------------------|-----|----------------------------|------------------------|
| | | | | | | | | |
| Ohio River 925.8 to 981.0 | 55.2 miles | 919.85 to 974.9 | 05140206 | Livingston, McCracken, Ballard, Carlisle | 5-PS | FC | Mercury in Water Column | Source Unknown |
| | | | | | | | | |
| Ohio River 925.8 to 981.0 | 55.2 miles | 919.85 to 974.9 | 05140206 | Livingston, McCracken, Ballard, Carlisle | 5-PS | FC | Polychlorinate d biphenyls | Source Unknown |

Appendix B. Table of Approved Delistings for 2010

Category 2B contains waterbody/pollutant combinations that were in Category 5 on the 2008 list and have now been assessed as fully supporting or were a listing error. EPA approved these delisting requests.

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|------------------------------|------------|--------------|-------------------------|----------------------|--------------------|----------------|-----------|-------------|---|
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Phosphorus (Total) |
| Arnold Fk. 0.0 to 2.6 | 2.6 miles | KY486053_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Knott | WAH | Sulfates |
| Bear Cr. 0.0 to 2.0 | 1.9 miles | KY486557_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | WAH | Nutrient/ Eutrophication Biological Indicators |
| Bear Cr. 0.0 to 2.0 | 1.9 miles | KY486557_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Bear Cr. 0.0 to 2.0 | 1.9 miles | KY486557_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | WAH | Sedimentation/ Siltation |
| Beargrass Creek 0.5 to 1.8 | 1.3 miles | KY486584_01 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Beaver Cr. 0.0 to 7.1 | 7.1 miles | KY486610_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Fecal Coliform |
| Brush Fork 0.0 to 4.4 | 4.4 miles | KY488089_00 | River | Green/ Tradewater | Green River | 5110005 | McLean | PCR, WAH | Sulfates |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Buckhorn Creek 0.0 to 2.4 | 2.4 miles | KY488268_01 | River | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Sedimentation/ Siltation |
| Buckhorn Creek 0.0 to 2.4 | 2.4 miles | KY488268_01 | River | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Total Dissolved Solids |
| Buckhorn Creek 0.0 to 2.4 | 2.4 miles | KY488268_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | WAH | Turbidity |
| Buckhorn Lake | 1230 acres | KY511027_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100202 | Perry | SCR | Sedimentation/ Siltation |

| Waterbody & | | | Water | | | 8-Digit | | | |
|------------------------|------------|--------------|-------------------------|-----------------------|---------------------|---------|---------|-----|---|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| Buckhorn Lake | 1230 acres | KY511027_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100202 | Perry | SCR | Total Suspended Solids (TSS) |
| Bull Run 0.0 to 3.7 | 3.7 miles | KY488359_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | WAH | Sulfates |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY511184_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Whitley | WAH | Sulfates |
| Carr Fork 6.2 to 8.9 | 2.7 miles | KY511230_02 | River | Kentucky | Kentucky River | 5100201 | Knott | PCR | Fecal Coliform |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Knott | WAH | Nutrient/ Eutrophication Biological Indicators |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Knott | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Knott | WAH | Oxygen, Dissolved |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Knott | SCR | Sedimentation/ Siltation |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Knott | SCR | Total Suspended Solids (TSS) |
| Cave Run Lake | 8270 acres | KY511277_00 | Freshwater Reservoir | Salt/Licking | Licking River | 5100101 | Rowan | SCR | pН |
| Clarks Run 4.4 to 6.7 | 2.3 miles | KY489554_02 | River | Kentucky | 5-NS | 5100205 | Boyle | WAH | Cause Unknown |
| Clarks Run 4.4 to 6.7 | 2.3 miles | KY489554_02 | River | Kentucky | 5-NS | 5100205 | Boyle | WAH | Organic Enrichment (Sewage) Biological Indicators |

| Waterbody & | - 46 | | Water | | | 8-Digit | | | |
|---|------------|--------------|-------------------------|-----------------------|-----------------------|----------|----------------|---------------------|--|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| Clarks Run 4.4 to 6.7 | 2.3 miles | KY489554_02 | River | Kentucky | 5-NS | 5100205 | Boyle | WAH | Nutrient/ Eutrophication Biological Indicators |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Cloverlick Creek 0.0 to 5.0 | 5 miles | KY511427_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | WAH | Sulfates |
| Coldwater Fork 2.1 to 8.8 | 6.7 miles | KY489804_01 | River | Sandy/ Tygarts | Big Sandy River | 5070201 | Martin | WAH | Sulfates |
| Copper Creek 2.2 to 5.05 | 2.85 miles | KY511529_02 | River | Kentucky | Kentucky River | 5100205 | Rockcastl e | WAH | Sedimentation/ Siltation |
| Craborchard Creek 0.0 to 3.4 | 3.4 miles | KY490247_01 | River | Green/ Tradewater | Green River | 5110006 | Hopkins | WAH | Sulfates |
| Cypress Creek 23.1 to 26.5 | 3.4 miles | KY490526_02 | River | Green/ Tradewater | Green River | 5110006 | Muhlenbe rg | WAH, PCR, SCR | рН |
| Cypress Creek 26.5 to 33.6 | 7.1 miles | KY490526_03 | River | Green/ Tradewater | Green River | 5110006 | Muhlenbe rg | WAH, PCR, SCR | рН |
| Doe Run Lake | 51 acres | KYCLN082_00 | Freshwater Reservoir | Salt/ Licking | Licking River | 05100101 | Kenton | WAH | Dissolved Gas Supersaturation |
| Dry Creek 0.0 to 4.0 | 4 miles | KY491166_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Knott | WAH | Sulfates |
| Eagle Creek 15.3 to 28.5 | 13.2 miles | KY491407_01 | River | Kentucky | Kentucky River | 5100205 | Owen | PCR | Fecal Coliform |
| East Fork Little Sandy River 24.9 to 26.4 | 1.5 miles | KY491469_02 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Boyd | PCR | 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 | WAH | Solids (Suspended/ Bedload) |
| East Hickman Creek 12.6 to 14.0 | 1.4 miles | KY491487_02 | River | Kentucky | Kentucky River | 5100205 | Fayette | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|------------------------------|------------|---------------------|-------------------------|-----------------------|-----------------------|----------------|-----------|-----|-----------------------------------|
| Elkhorn Creek 0.0 to 18.2 | 18.2 miles | KY491690_01 | River | Kentucky | Kentucky River | 5100205 | Franklin | PCR | Fecal Coliform |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/ Tradewater | Green River | 5110006 | Hopkins | WAH | Sulfates |
| Ford Ditch 0.0 to 3.3 | 3.3 miles | KY501759- 2.2_00 | River | Green/ Tradewater | Green River | 5110005 | Daviess | WAH | Sulfates |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492466_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Grayson Lake | 1512 acres | KY493224_00 | Freshwater Reservoir | Sandy/ Tygarts | Little Sandy River | 5090104 | Carter | FC | methylmercury |
| Guist Creek Lake | 317 acres | KY493464_00 | Freshwater Reservoir | Salt/ Licking | Salt River | 05140102 | Shelby | WAH | Dissolved Gas Supersaturation |
| Harris Branch 0.25 to 0.6 | 0.35 miles | KY493796_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | WAH | Sulfates |
| Havana Creek 0.0 to 1.9 | 1.9 miles | KY493874_00 | River | Green/ Tradewater | Green River | 05110006 | Webster | WAH | Solids (Suspended/ Bedload) |
| Hell Creek 0.0 to 3.5 | 3.5 miles | KY512636_01 | River | Kentucky | Kentucky River | 5100201 | Lee | WAH | Total Dissolved Solids |
| Hunting Creek 0.0 to 2.7 | 2.7 miles | KY494791_01 | River | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Sedimentation/ Siltation |
| Hunting Creek 0.0 to 2.7 | 2.7 miles | KY494791_02 | River | Kentucky | Kentucky River | 5100202 | Breathitt | WAH | Turbidity |
| Ice Dam Creek 0.0 to 0.4 | 0.4 miles | KY494876_01 | River | Sandy/ Tygarts | Big Sandy River | 5070204 | Boyd | WAH | Sulfates |
| Ice Dam Creek 0.4 to 2.4 | 2 miles | KY494876_02 | River | Sandy/ Tygarts | Big Sandy River | 5070204 | Boyd | WAH | Sulfates |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---|------------|--------------|-------------------------|---------------------------|-----------------------|----------------|----------------|-------------|---|
| Indian Camp Creek 3.1 to 10.4 | 7.3 miles | KY494914_02 | River | Green/ Tradewater | Green River | 05110003 | Butler | WAH | Solids (Suspended/ Bedload) |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Sulfates |
| Johns Branch 0.0 to 1.6 | 1.6 miles | KY495341_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Knott | WAH | Sulfates |
| Kincaid Lake | 183 acres | KYCLN045_00 | Freshwater Reservoir | Salt/ Licking | Licking River | 05100101 | Pendleton | WAH | Dissolved Gas Supersaturation |
| Lake Jericho | 137 acres | KY495230_00 | Freshwater Reservoir | Salt/ Licking | Ohio River | 05140101 | Henry | WAH | Dissolved Gas Supersaturation |
| Left Fk. Beaver Cr. 0.0 to 11.4 | 11.4 miles | KY496194_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Sulfates |
| Left Fk. Beaver Cr. 13.55 to 18.7 | 5.15 miles | KY496194_02 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Left Fk. Beaver Cr. 13.55 to 18.7 | 5.15 miles | KY496194_02 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Total Dissolved Solids |
| Left Fk. Middle Cr. 0.0 to 10.3 | 8.4 miles | KY496241_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Cause Unknown |
| Left Fork Middle Creek 0.0 to 10.3 Left Fork of | 10.3 miles | KY496241_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH PCR, | Sulfates |
| Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/ Miss/ Cumberland | Upper Cumberland | 05130101 | Bell | SCR, WAH | рН |
| Lick Fk. 0.0 to 5.2 | 5.2 miles | KY496506_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | WAH | Sulfates |
| Little Cypress Creek 0.0 to 8.7 | 8.7 miles | KY496701_01 | River | Green/ Tradewater | Green River | 5110006 | Muhlenbe rg | WAH | Sulfates |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|--------------------|---------------------------|------------------------|----------------|----------------|-----|-----------------------------|
| | Total Size | waterbody ID | Type | Green/ | Dasiii | пис | • | Use | ппрантнен |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Tradewater | Green River | 5110006 | Muhlenbe rg | WAH | Sulfates |
| Long Falls Creek 0.0 to 7.6 | 7.6 miles | KY497098_01 | River | Green/ Tradewater | Green River | 5110005 | McLean | WAH | Sulfates |
| Lower Buffalo Creek 0.0 to 2.4 | 2.4 miles | KY513677_01 | River | Kentucky | Kentucky River | 5100203 | Owsley | WAH | Sedimentation/ Siltation |
| Metropolis Lake | 36 acres | KY498089_00 | Freshwater Lake | Tenn/Miss/Cumbe rland | Ohio River | 5140206 | McCrack en | FC | Methylmercury |
| Middle Creek 0.0 to 4.5 | 4.5 miles | KY498108_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Cause Unknown |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Middle Fork of Beargrass Creek 2.0 to 2.9 | 0.9 miles | KY498112_02 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Middle Fork of Beargrass Creek 2.9 to 15.3 | 12.4 miles | KY498112_03 | River | Salt/Licking | Salt River | 5140101 | Jefferson | FC | Cadmium |
| Middle Fork Rockcastle Creek 0.0 to 16.8 | 16.8 miles | KY498137_01 | River | Sandy/ Tygarts | Big Sandy River | 5070201 | Martin | WAH | Sulfates |
| Newcombe Cr. 1.1 to 7.3 | 6.2 miles | KY499428_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | WAH | Cause Unknown |
| Newcombe Cr. 1.1 to 7.3 | 6.2 miles | KY499428_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | WAH | Sulfates |
| North Fork Little River 10.9 to 16.1 | 5.2 miles | KY499555_04 | River | Tenn/ Miss/ Cumberland | Lower Cumberland | 05130205 | Christian | WAH | Cause Unknown |
| Ohio River Mainstem 393. 0 to 397.0 | 4 miles | N/A | River | Ohio River Mainstem | Ohio River Mainstem | 05090201 | Lewis | PCR | Fecal Coliform |
| Ohio River Mainstem 461.0 to 464.5 | 3.5 miles | N/A | River | Ohio River Mainstem | Ohio River Mainstem | 05090203 | Campbell | PCR | Fecal Coliform |

| Waterbody & | | | Water | | | 8-Digit | | | |
|--------------------|------------|--------------|--------|----------------|------------|----------|------------|--------|----------------|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| Ohio River | | | | | | | | | |
| Mainstem 465.2 to | | | | Ohio River | Ohio River | | | | |
| 469.3 | 4.1 miles | N/A | River | Mainstem | Mainstem | 05090203 | Campbell | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 491.0 to | | | | Ohio River | Ohio River | | | | |
| 501.0 | 10 miles | N/A | River | Mainstem | Mainstem | 05090203 | Boone | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 521.0 to | | | | Ohio River | Ohio River | | | | |
| 541.0 | 20 miles | N/A | River | Mainstem | Mainstem | 05090203 | Gallatin | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 593 to | | | | Ohio River | Ohio River | | | | |
| 603.3 | 10.3 miles | N/A | River | Mainstem | Mainstem | 05140101 | Jefferson | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 847.3 to | | | | Ohio River | Ohio River | | | | |
| 849 | 1.7 miles | N/A | River | Mainstem | Mainstem | 05140202 | Union | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 862 to | | | | Ohio River | Ohio River | | | | |
| 862.1 | 0.1 miles | N/A | River | Mainstem | Mainstem | 05140203 | Union | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 872.8 to | | | | Ohio River | Ohio River | | | | |
| 873 | 0.2 miles | N/A | River | Mainstem | Mainstem | 05140203 | Union | PCR | Fecal Coliform |
| Ohio River | | | | | | | | | |
| Mainstem 894.0 to | | | | Ohio River | Ohio River | | Livingsto | | |
| 894.6 | 0.6 miles | N/A | River | Mainstem | Mainstem | 05140203 | n | PCR | Fecal Coliform |
| | | | | | | | | | Nutrient/ |
| | | | | | | | | | Eutrophication |
| Otter Creek 0.0 to | | | | | Kentucky | | | | Biological |
| 4.1 | 4.1 miles | KY500025_01 | River | Kentucky | River | 5100205 | Madison | WAH | Indicators |
| 112 | imics | 111300023_01 | 101101 | Hemacky | 10,101 | 2100203 | 1,14415011 | 777111 | |
| | | | | | | | | | Organic |
| | | | | | | | | | Enrichment |
| | | | | | | | | | (Sewage) |
| Otter Creek 0.0 to | | | | | Kentucky | | | | Biological |
| 4.1 | 4.1 miles | KY500025_01 | River | Kentucky | River | 5100205 | Madison | WAH | Indicators |
| Paddle Creek 0.0 | | | | | Big Sandy | | | 1 | |
| to 1.4 | 1.4 miles | KY500100_01 | River | Sandy/ Tygarts | River | 5070204 | Boyd | WAH | Sulfates |

| Waterbody & | T. 4.1 C' | W. t. 1 . 1 ID | Water | W l | D | 8-Digit | C | T T | T |
|---|------------|----------------|-------------------------|---------------------------|-----------------------|----------|----------------|------------|---|
| Segment | Total Size | Waterbody ID | Туре | Watershed | Basin | HUC | County | Use | Impairment |
| Panbowl Lake | 98 acres | KY500145_01 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Nutrient/ Eutrophication Biological Indicators |
| Panbowl Lake | 98 acres | KY500145_01 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Panbowl Lake | 98 acres | KY500145_01 | Freshwater Reservoir | Kentucky | Kentucky River | 5100201 | Breathitt | WAH | Oxygen, Dissolved |
| Panther Fk. 0.0 to 3.72 | 3.72 miles | KY500162_01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | WAH | Sulfates |
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | River | Green/ Tradewater | Green River | 5110003 | Muhlenbe rg | WAH | Sulfates |
| Pond Creek 4.8 to 7.6 | 2.8 miles | KY501042_02 | River | Green/ Tradewater | Green River | 5110003 | Muhlenbe rg | WAH | Sulfates |
| Pond Creek 7.6 to 11.7 | 4.1 miles | KY501042_03 | River | Green/ Tradewater | Green River | 5110003 | Muhlenbe rg | WAH | Sulfates |
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_00 | River | Green/ Tradewater | Green River | 5110003 | Ohio | WAH | Sulfates |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/ Miss/ Cumberland | Upper Cumberland | 05130101 | Knox | WAH | Dissolved oxygen saturation |
| Right Fk. Newcombe Cr. 0.0 to 4.2 | 4.2 miles | KY501913_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | WAH | Sulfates |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Right Fork Buffalo Creek 0.0 to 2.1 | 2.1 miles | KY514933_01 | River | Kentucky | Kentucky River | 5100203 | Owsley | WAH | Cause Unknown |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|-------------|--------------|-------------------------|---------------------------|---------------------|----------------|-----------|-----|---------------------------|
| Rockcastle Cr. 0.0 to 3.7 | 3.7 miles | KY502158_01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Lawrence | WAH | Total Dissolved Solids |
| Rockcastle Creek 3.7 to 13.25 | 9.55 miles | KY502158_02 | River | Sandy/ Tygarts | Big Sandy River | 5070201 | Martin | WAH | Sulfates |
| Russell Fk 0.0 to 6.3 | 4.2 miles | KY502524_01 | River | Sandy/ Tygarts | Big Sandy River | 05070202 | Pike | PCR | Fecal Coliform |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Knott | WAH | Sulfates |
| Salt Lick Cr. 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Cause Unknown |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Salt River 79.0 to 90.05 | 11.05 miles | KY502830_05 | River | Salt/Licking | Salt River | 5140102 | Anderson | FC | Methylmercury |
| Schultz Creek 4.7 to 7.5 | 6.1 miles | KY503068_02 | River | Sandy/ Tygarts | Tygarts Creek | 05090103 | Greenup | WAH | Cause Unknown |
| Silver Creek 0.0 to 11.1 | 11.1 miles | KY503507_01 | River | Kentucky | Kentucky River | 5100205 | Madison | PCR | Fecal Coliform |
| Sinking Fork 2.2 to 5.6 | 3.4 miles | KY503569_01 | River | Tenn/ Miss/ Cumberland | Lower Cumberland | 05130205 | Trigg | WAH | Cause Unknown |
| Sizemore Branch 0.0 to 2.0 | 2 miles | KY503590_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| South Fork of Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | River | Salt/Licking | Salt River | 5140101 | Jefferson | WAH | Cadmium |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Stanford Reservoir | 43 acres | KY504255_01 | Freshwater Reservoir | Kentucky | Kentucky River | 5100205 | Lincoln | DWS | Cause Unknown |
| Steele Creek 0.0 to 2.4 | 2.4 miles | KY504308_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Stephens Branch 0.0 to 2.6 | 2.6 miles | KY504331_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |

| Waterbody & | T . 10' | W. 1 1 ID | Water | W | D : | 8-Digit | G . | ** | |
|---|------------|---------------------|-------------------------|-----------------------|---------------------|----------|--------------------|-----|----------------------------------|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | WAH | Sulfates |
| Straight Creek 1.7 to 23.3 | 21.6 miles | KY515746_02 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Bell | WAH | Sulfates |
| Taylorsville Lake | 3050 acres | KYCLN141_00 | Freshwater Reservoir | Salt/ Licking | Salt River | 05140102 | Spencer | WAH | Dissolved Gas Supersaturation |
| Town Branch 10.8 to 12.1 | 1.3 miles | KY505386_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | WAH | Cause Unknown |
| Tug Fk. 78.2 to 84.8 | 6.15 miles | KY505554_04 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Pike | PCR | Fecal Coliform |
| Tug Fk. 10.45 to 41.95 | 31.4 miles | KY505554_02 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | PCR | Fecal Coliform |
| Turkey Cr. 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | WAH | Cause Unknown |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| UT to Helton Branch 0.0 to 0.4 | 0.4 miles | KY494011- 1.4_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | WAH | Sulfates |
| UT to Slover Creek 0.0 to 1.5 | 1.5 miles | KY503714- 0.4_01 | River | Green/ Tradewater | Tradewater | 5140205 | Webster | WAH | Sulfates |
| UT to West Fork of Massac Creek 1.75 to 2.0 | 0.25 miles | KY506438- 1.7_02 | River | Tenn/Miss/Cumbe rland | Ohio River | 5140203 | Ammonia (Total) | WAH | Ammonia (Total) |
| West Fork of Clarks River 34.2 to 38.2 | 4 miles | KY506426_05 | River | Tenn/Miss/Cumbe rland | Tennessee River | 6040006 | Calloway | WAH | Cause Unknown |
| Willisburg Lake | 126 acres | KY506852_00 | Freshwater Reservoir | Salt/ Licking | Salt River | 05140103 | Washingt on | WAH | Dissolved Gas Supersaturation |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | River | Sandy/ Tygarts | Big Sandy River | 5070203 | Floyd | WAH | Sulfates |
| Wolf Cr. 0.0 to 6.5 | 6.5 miles | KY507001_01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | WAH | Sulfates |
| Wolf Cr. 6.5 to 17.6 | 11.1 miles | KY507001_02 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | WAH | Sulfates |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|-------------------------|------------|--------------|---------------|----------------|--------------------|----------------|--------|-----|------------|
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | River | Sandy/ Tygarts | Big Sandy River | 5070201 | Martin | WAH | Sulfates |

Appendix C. Table of Category 4A Listings for the 5 BMUs

Category 4A contains waterbody/pollutant combinations with EPA-approved TMDLs. Once a TMDL is approved, the waterbody/pollutant combination is no longer 303(d) listed, and is captured in Category 4A, even though the waterbody may still be impaired for that pollutant. It is suggested that the reader refer to Volume 1 of the Integrated Report to determine the current support status of these waterbody/pollutant combinations.

Note that after approval of TMDLs, the river miles for a waterbody/pollutant combination may be further split or combined, based upon refined assessments. This table reflects these most recent river mile changes, not the river miles at the time of EPA approval. Thus the count of waterbody/pollutant combinations on this list does not match the official count of TMDLs approved by EPA.

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|-----------------------------------|----------------------|----------------------------|---------------|------------------------|---------------------|--------------------|---------------------|----------------------------|---|
| Allison Creek 0.0 to | Total Size | waterbody ID | Type | vv atc15ffcd | Licking | noc | County | Osc | ппрантнен |
| 4.9 | 4.9 miles | KY485886_00 | River | Salt/ Licking | River | 05100101 | Fleming | PCR | Fecal Coliform |
| Bailey Creek 0.0 to 2.6 | 2.6 miles | KY510346_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Baughman Fork 0.0 to 2.7 | 2.7 miles | KY486478_01 | River | Kentucky | Kentucky River | 5100205 | Fayette | WAH | Nutrient/ Eutrophication Biological Indicators |
| Baughman Fork 0.0 to 2.7 | 2.7 miles | KY486478_01 | River | Kentucky | Kentucky River | 5100205 | Fayette | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Bayou de Chien 14.3 | 12.0 " | ********* | . | Tenn/Miss/Cumbe | Mississippi | 0010201 | *** | D CD | T 10 110 |
| Beech Creek 0.0 to 3.9 | 13.9 miles 3.9 miles | KY486489_03 KY486697_00 | River | rland Green/Tradewater | River Green River | 8010201 5110003 | Hickman Muhlenberg | PCR PCR, SCR, WAH | Fecal Coliform 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 | 5110001 | Green | PCR | Fecal Coliform |
| Big Creek 3.9 to 9.2 | 5.3 miles | KY487159_01 | River | Green/ Tradewater | Green River | 05110001 | Adair | PCR, SCR | Fecal Coliform |
| Big Pitman Creek 0.0 to 13.9 | 13.9 miles | KY487227_01 | River | Green/ Tradewater | Green River | 05110001 | Green | PCR, SCR | Fecal Coliform |
| Big Pitman Creek 13.9 to 17.8 | 3.9 miles | KY487227_02 | River | Green/Tradewater | Green River | 5110001 | Green | PCR | Fecal Coliform |
| Big Pitman Creek 17.8 to 23.65 | 5.85 miles | KY487227_03 | River | Green/Tradewater | Green River | 5110001 | Taylor | PCR | Fecal Coliform |
| Big Reedy Creek 6.9 to 11.5 | 4.6 miles | KY487231_01 | River | Green/Tradewater | Green River | 5110001 | Edmonson | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|----------------------------|------------|--------------|---------------|-----------------------|---------------------|----------------|------------|---------------------|----------------|
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | River | Green/ Tradewater | Green River | 05110001 | Hardin | PCR | Fecal Coliform |
| Brier Creek 0.0 to 4.9 | 4.9 miles | KY487897_00 | River | Green/Tradewater | Green River | 5110006 | Muhlenberg | PCR, SCR, WAH | рН |
| Brush Creek 1.1 to 7.5 | 6.4 miles | KY510966_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130102 | Rockcastle | PCR | Fecal Coliform |
| Brush Creek 0.0 to 2.15 | 2.15 miles | KY488077_01 | River | Green/Tradewater | Green River | 5110001 | Green | PCR | Fecal Coliform |
| Butchers Branch 0.3 to 2.4 | 2.1 miles | KY488498_02 | River | Green/Tradewater | Ohio River | 5140201 | Hancock | PCR, SCR, WAH | pН |
| Butler Fork 2.3 to 4.0 | 1.7 miles | KY488519_00 | River | Green/ Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Cane Branch 0.0 to 2.0 | 2 miles | KY511181_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130103 | McCreary | PCR, SCR, WAH | рН |
| Cane Creek 0.0 to 3.1 | 3.1 miles | KY511187_00 | River | Kentucky | Kentucky River | 5100204 | Powell | PCR | Fecal Coliform |
| Cane Creek 0.0 to 9.5 | 9.5 miles | KY511190_00 | River | Kentucky | Kentucky River | 5100201 | Breathitt | PCR | Fecal Coliform |
| Cane Run 0.0 to 4.0 | 4 miles | KY488786_00 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | WAH, PCR, SCR | pН |
| Carr Fork 0.0 to 5.9 | 5.9 miles | KY511230_01 | River | Kentucky | Kentucky River | 05100201 | Perry | PCR, SCR | Fecal Coliform |
| Carr Fork 5.9 to 8.9 | 3.0 miles | KY511230_02 | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | 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 | 5100101 | Fleming | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---------------------------|------------|--------------|---------------|-----------------------|----------------------|----------------|------------|-----|---|
| Catron Creek 0.0 to 8.9 | 8.9 miles | KY489099_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Central Creek 0.8 to 2.5 | 1.7 miles | KY489283_01 | River | Tenn/Miss/Cumbe rland | Mississippi River | 8010201 | Carlisle | PCR | Fecal Coliform |
| Chenoweth Run 0.0 to 5.2 | 5.2 miles | KY489391_01 | River | Salt/ Licking | Salt River | 05140102 | Jefferson | WAH | Aquatic Plants (Macrophytes) |
| Chenoweth Run 0.0 to 5.2 | 5.2 miles | KY489391_01 | River | Salt/ Licking | Salt River | 05140102 | Jefferson | WAH | Nutrient/ Eutrophication Biological Indicators |
| Chenoweth Run 5.2 to 9.2 | 4 miles | KY489391_02 | River | Salt/ Licking | Salt River | 05140102 | Jefferson | WAH | Aquatic Plants (Macrophytes) |
| Chenoweth Run 5.2 to 9.2 | 4 miles | KY489391_02 | River | Salt/ Licking | Salt River | 05140102 | Jefferson | WAH | Nutrient/ Eutrophication Biological Indicators |
| Claylick Creek 1.9 to 4.8 | 2.9 miles | KY489591_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | 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 |
| Clover Fork 0.0 to 9.2 | 9.2 miles | KY511423_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Clover Fork 18.2 to 28.2 | 10 miles | KY511423_04 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Clover Fork 28.2 to 28.9 | 0.7 miles | KY511423_05 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Clover Fork 28.9 to 33.8 | 4.9 miles | KY511423_06 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Clover Fork 9.2 to 15.5 | 6.3 miles | KY511423_02 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---------------------------------|------------|----------------------|---------------|-----------------------|----------------------|----------------|------------|---------------------|----------------|
| Cloverlick Creek 0.0 to 5.0 | 5 miles | KY511427_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Cooley Creek 0.65 to 2.3 | 1.65 miles | KY490025_00 | River | Tenn/Miss/Cumbe rland | Mississippi River | 8010201 | Graves | PCR | Fecal Coliform |
| Copperas Fork 0.0 to 4.23 | 4.23 miles | KY511533_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130104 | McCreary | PCR, SCR, WAH | рН |
| Craborchard Creek 0.0 to 3.4 | 4.6 miles | KY490247_01 | River | Green/ Tradewater | Green River | 05110006 | Hopkins | WAH, PCR, SCR | рН |
| Craborchard Creek 3.4 to 7.3 | 3.9 miles | KY490247_02 | River | Green/Tradewater | Green River | 5110006 | Hopkins | PCR, SCR, WAH | рН |
| Craintown Branch 0.0 to 3.5 | 3.5 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/Cumbe rland | Upper Cumberland | 5130102 | Rockcastle | PCR | Fecal Coliform |
| Crooked Creek 0.1 to 5.7 | 5.6 miles | KY511648_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130102 | Rockcastle | PCR | Fecal Coliform |
| Cumberland River 650.6 to 654.5 | 4 miles | KY517018_06 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Bell | PCR | Fecal Coliform |
| Cumberland River 683.6 to 694.2 | 10.4 miles | KY517018_11 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| 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 0.0 to 9.0 | 9 miles | KY491097_01 | River | Green/Tradewater | Green River | 5110006 | Hopkins | PCR, SCR, WAH | pН |
| Dry Creek 0.0 to 3.65 | 3.65 miles | KY491176_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Caldwell | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---|------------|--------------|---------------|-----------------------|-----------------------|----------------|------------|-------------|---|
| | | | | | | | | | |
| East Fork Little Sandy River 17.0 to 24.9 | 7.9 miles | KY491469_02 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Boyd | WAH | Organic Enrichment (Sewage) Biological Indicators |
| East Fork of Little Barren River 0.0 to 15.9 | 15.9 miles | KY491468_01 | River | Green/Tradewater | Green River | 5110001 | Metcalfe | PCR, 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 8.4 to 10.5 | 2.1 miles | KY491550_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Lyon | PCR | Fecal Coliform |
| Eddy Creek 13.0 to 15.7 | 2.7 miles | KY491550_03 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Caldwell | PCR | Fecal Coliform |
| Elijahs Creek 0.0 to 5.2 | 5.2 miles | KY491627_00 | River | Salt/Licking | Ohio River | 5090203 | Boone | WAH | Ethylene Glycol |
| Ferguson Creek 0.0 to 1.2 | 1.2 miles | KY492034_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | 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 |
| 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 | 5100101 | Fleming | PCR | Fecal Coliform |
| Floyds Fork 0.0 to 11.6 | 11.6 miles | KY492278_01 | River | Salt/ Licking | Salt River | 05140102 | Bullitt | WAH | Organic Enrichment (Sewage) Biological Indicators |

| Waterbody & | | | Water | | | 8-Digit | | | |
|---|------------|--------------|-------|-------------------------------|---------------------|----------|------------|-------------|---|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| Floyds Fork 11.6 to 24.2 | 12.6 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 | Shelby | WAH | Organic Enrichment (Sewage) Biological Indicators |
| 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 3.7 | 3.7 miles | KY493234_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Bell | PCR | Fecal Coliform |
| Greasy Creek 3.7 to 11.4 | 7.7 miles | KY493234_00 | River | Upper Cumberland | Upper Cumberland | 5130102 | 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 |
| Harrods Creek 0.0 to 3.2 Hickory Creek 0.0 to | 3.2 miles | KY493826_01 | River | Salt/ Licking Tenn/Miss/Cumbe | Salt River | 05140101 | Oldham | WAH | Organic Enrichment (Sewage) Biological Indicators |
| 3.9 | 3.9 miles | KY494122_00 | River | rland | Cumberland | 5130205 | Livingston | PCR | Fecal Coliform |
| Left Fork Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Bell | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|-------------------------------------|------------|--------------|---------------|-----------------------|---------------------|----------------|------------|---------------------|--------------------|
| 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 | 5110001 | Green | PCR, SCR | Fecal Coliform |
| Little Bayou Creek 0.0 to 7.2 | 7.2 miles | KY496607_01 | River | Tenn/Miss/Cumbe rland | Ohio River | 5140206 | McCracken | FC | PCB in Fish Tissue |
| Little Brush Creek 3.2 to 13.2 | 10 miles | KY496646_01 | River | Green/Tradewater | Green River | 5110001 | Green | PCR | Fecal Coliform |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Green/Tradewater | Green River | 5110006 | Muhlenberg | WAH, PCR, SCR | pН |
| Little Pitman Creek 10.1 to 11.2 | 1.1 miles | KY496827_02 | River | Green/Tradewater | Green River | 5110001 | Taylor | PCR | Fecal Coliform |
| Little Pitman Creek 0.0 to 10.1 | 10.1 miles | KY496827_01 | River | Green/Tradewater | Green River | 5110001 | Taylor | PCR | Fecal Coliform |
| Little River 30.0 to 31.4 | 1.4 miles | KY496838_03 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Trigg | PCR | Fecal Coliform |
| Little River 31.4 to 45.5 | 14.1 miles | KY496838_04 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Trigg | PCR | Fecal Coliform |
| Little River 45.5 to 57.7 | 12.2 miles | KY496838_05 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| Little Russell Creek 0.0 to 5.1 | 5.1 miles | KY496854_01 | River | Green/Tradewater | Green River | 5110001 | Green | PCR | Fecal Coliform |
| Livingston Creek 4.6 to 7.0 | 2.4 miles | KY496913_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Lyon | PCR | Fecal Coliform |
| 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/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Lower Cane Creek 0.0 to 4.1 | 4.1 miles | KY513680_01 | River | Kentucky | Kentucky River | 5100204 | Powell | PCR | Escherichia coli |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|----------------|--------------|---------------|-----------------------|-----------------------|----------------|-----------|-------------|---------------------------|
| Lynn Camp Creek 0.0 to 8.3 | 8.3 miles | KY497374_01 | River | Green/Tradewater | Green River | 5110001 | Hart | PCR | Fecal Coliform |
| Martins Fork 0.0 to 11.8 | 11.8 miles | KY497628_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Middle Fork Right Fork Cane Creek 0.0 to 2.8 | 2.8 miles | KY513936_01 | River | Kentucky | Kentucky River | 5100204 | Powell | PCR | Escherichia coli |
| Middle Pitman Creek 0.0 to 7.7 | 7.7 miles | KY498146_01 | River | Green/Tradewater | Green River | 5110001 | Green | PCR | Fecal Coliform |
| Middle Pitman Creek 8.2 to 10.1 | 1.9 miles | KY498146_02 | River | Green/Tradewater | Green River | 5110001 | Taylor | PCR | Fecal Coliform |
| Mussin Branch 0.0 to 1.7 | 1.7 miles | KY499140_00 | River | Salt/Licking | Salt River | 5140103 | Marion | PCR, WAH | рН |
| Newcombe Cr. 0.0 to 11.9 | 11.9 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 | 5110001 | Hardin | PCR | Fecal Coliform |
| North Fork Kentucky River 77.1 to 89.75 | 12.65 miles | KY514290_08 | River | Kentucky | Kentucky River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork Kentucky River 110.9 to 125.0 | 14.1 miles | KY514290_13 | River | Kentucky | Kentucky River | 5100201 | Breathitt | PCR | Fecal Coliform |
| North Fork Kentucky River 125.0 to 131.0 | 6 miles | KY514290_14 | River | Kentucky | Kentucky River | 5100201 | Breathitt | PCR | Fecal Coliform |
| North Fork Kentucky River 55.4 to 77.1 | 21.7 miles | KY514290_07 | River | Kentucky | Kentucky River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork Kentucky River 89.75 to 99.95 | 10.2 miles | KY514290_09 | River | Kentucky | Kentucky River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork Kentucky River 99.95 to 104.1 | 4.15 miles | KY514290_10 | River | Kentucky | Kentucky River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork of Kentucky River 1.3 to 2.3 | 1 miles | KY514290_02 | River | Kentucky | Kentucky River | 5100201 | Lee | PCR | Fecal Coliform |

| Waterbody & | | | Water | | | 8-Digit | | | |
|-----------------------------|-------------|--|-------|-----------------|-------------------|--------------------------|-------------|-------|----------------|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| North Fork of | | • | | | | | | | 1 |
| Kentucky River | | | | | Kentucky | | | | |
| 104.1 to 105.1 | 1 miles | KY514290_11 | River | Kentucky | River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork of | | | | | | | | | |
| Kentucky River | | | | | Kentucky | | | | |
| 131.0 to 132.0 | 1 miles | KY514290_15 | River | Kentucky | River | 5100201 | Letcher | PCR | Fecal Coliform |
| North Fork of | | | | | | | | | |
| Kentucky River | | | | | Kentucky | | | | |
| 145.5 to 147.9 | 2.4 miles | KY514290_17 | River | Kentucky | River | 5100202 | Letcher | PCR | Fecal Coliform |
| North Fork of | | | | | | | | | |
| Kentucky River | | | | | Kentucky | | | | |
| 147.9 to 162.0 | 14.1 miles | KY514290_15 | River | Kentucky | River | 5100202 | Letcher | PCR | Fecal Coliform |
| North Fork of | | | | | | | | | |
| Kentucky River 2.3 | | | | | Kentucky | | | | |
| to 35.7 | 33.4 miles | KY514290_03 | River | Kentucky | River | 5100201 | Lee | PCR | Fecal Coliform |
| North Fork of | | | | | | | | | |
| Kentucky River 35.7 | | ******** | | *** | Kentucky | 7 100 2 01 | 5 44 | D CD | F 1.0 110 |
| to 47.2 | 11.5 miles | KY514290_04 | River | Kentucky | River | 5100201 | Breathitt | PCR | Fecal Coliform |
| North Fork of | | | | | 77 . 1 | | | | |
| Kentucky River 47.2 | 4 '1 | 173751 4200 05 | D. | 17 . 1 | Kentucky | 5100201 | D 41.44 | DCD | E 10 116 |
| to 48.2 | 1 miles | KY514290_05 | River | Kentucky | River | 5100201 | Breathitt | PCR | Fecal Coliform |
| North Fork of | | | | | V t1 | | | | |
| Kentucky River 48.2 to 55.4 | 7.2 miles | KY514290_06 | River | Kentucky | Kentucky River | 5100201 | Breathitt | PCR | Fecal Coliform |
| North Fork of | 7.2 IIIIIes | K1314290_00 | Kivei | Kentucky | Kivei | 3100201 | Breauntt | FCK | recai Comomi |
| Kentucky River 0.0 to | | | | | Kentucky | | | | |
| 1.3 | 1.3 miles | KY514290 01 | River | Kentucky | River | 5100201 | Lee | PCR | Fecal Coliform |
| North Fork of | 1.5 miles | K1314270_01 | Kivei | Kentucky | Rivei | 3100201 | Lec | TCK | r ccar comorni |
| Kentucky River 105.1 | | | | | Kentucky | | | | |
| to 110.9 | 5.8 miles | KY514290 12 | River | Kentucky | River | 5100201 | Perry | PCR | Fecal Coliform |
| North Fork of | 5.0 IIIIC5 | 111011270_12 | 10,01 | 110maon j | 141,01 | 3100201 | 1 011) | 1 010 | 1 Jour Comform |
| Kentucky River 132.0 | | | | | Kentucky | | | | |
| to 145.5 | 13.5 miles | KY514290_16 | River | Kentucky | River | 5100201 | Letcher | PCR | Fecal Coliform |
| North Fork of Little | | | | Tenn/Miss/Cumbe | Lower | | | | - |
| River 0.0 to 0.3 | 0.3 miles | KY499555_01 | River | rland | Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| 10.0000.3 | 0.5 miles | 15 1 7////////////////////////////////// | KIVCI | Tiana | Cumochand | 3130203 | Cinistian | 1 CIX | 1 ccai comonii |

| Waterbody & | | | Water | | | 8-Digit | | | |
|------------------------|------------|---------------|-------|------------------|-------------|----------|------------|-------------|----------------|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use | Impairment |
| North Fork of Little | | | | Tenn/Miss/Cumbe | Lower | | | | |
| River 0.3 to 7.0 | 6.7 miles | KY499555_02 | River | rland | Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| North Fork of Little | | | | Tenn/Miss/Cumbe | Lower | | | | |
| River 10.9 to 16.2 | 5.3 miles | KY499555_04 | River | rland | Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| North Fork of Little | | | | Tenn/Miss/Cumbe | Lower | | | | |
| River 7.0 to 10.9 | 3.9 miles | KY499555_03 | River | rland | Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| | | | | Green/ | | | | PCR, | |
| Pettys Fork 0.0 to 6.1 | 6.1 miles | KY500492_00 | River | Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |
| D | | | | | | | | WAH, | |
| Pleasant Run 0.0 to | 2 | 1/3/50000 01 | D: | Green/ | Comp. | 05110006 | II1 | PCR, SCR | |
| 2.0 | 2 miles | KY500906_01 | River | Tradewater | Green River | 05110006 | Hopkins | PCR, | рН |
| Pleasant Run 2.0 to | | | | | | | | SCR, | |
| 7.8 | 5.8 miles | KY500906 02 | River | Green/Tradewater | Green River | 5110006 | Hopkins | WAH | Н |
| | | | | | | | 1 | WAH, | |
| Pond Creek 14.4 to | | | | Green/ | | | | PCR, | |
| 18.1 | 3.7 miles | KY501042_05 | River | Tradewater | Green River | 05110003 | Muhlenberg | SCR | pН |
| | | | | | | | | WAH, | |
| Pond Creek 18.1 to | 4 | 1/3/501042 06 | D: | Green/ | Comp. | 05110002 | M 1.1 | PCR, | |
| 22.1 | 4 miles | KY501042_06 | River | Tradewater | Green River | 05110003 | Muhlenberg | SCR WAH, | pH |
| Pond Creek 7.6 to | | | | Green/ | | | | PCR, | |
| 11.7 | 4.1 miles | KY501042_03 | River | Tradewater | Green River | 05110003 | Muhlenberg | SCR | рH |
| | | | | | | | | WAH, | |
| Pond Creek 11.7 to | | | | Green/ | | | | PCR, | |
| 14.4 | 2.7 miles | KY501042_04 | River | Tradewater | Green River | 05110003 | Muhlenberg | SCR | pН |
| Poor Fork of | | | | | | | | | |
| Cumberland River | | | | Upper | Upper | | | | |
| 0.0 to 14.9 | 14.9 miles | KY514707_03 | River | Cumberland | Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Poor Fork of | | | | | | | | | |
| Cumberland River | | | | Tenn/Miss/Cumbe | Upper | | | | |
| 14.9 to 16.3 | 1.4 miles | KY514707_02 | River | rland | Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|---------------|-----------------------|---------------------|----------------|------------|---------------------|------------------|
| Poor Fork of Cumberland River 16.3 to 31.8 | 15.5 miles | KY514707_03 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |
| Poplar Creek 0.0 to 2.9 | 2.9 miles | KY501096_00 | River | Salt/Licking | Licking River | 5100101 | Fleming | PCR | Fecal Coliform |
| Poplar Grove Branch 0.0 to 3.4 | 3.4 miles | KY501108_00 | River | Green/Tradewater | Green River | 5110001 | Taylor | PCR | Fecal Coliform |
| Puckett Creek 0.0 to 9.9 | 9.9 miles | KY501413_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Bell | PCR | Fecal Coliform |
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_00 | River | Green/ Tradewater | Green River | 05110003 | Ohio | WAH, PCR, SCR | рН |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | PCR | Fecal Coliform |
| Richland Creek 0.7 to 5.4 | 4.7 miles | KY501820_00 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Livingston | PCR | Fecal Coliform |
| Richland Creek 11.6 to 21.5 | 9.9 miles | KY514915_03 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | PCR | Fecal Coliform |
| Richland Creek 6.3 to 11.6 | 5.3 miles | KY514915_03 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Knox | PCR | Fecal Coliform |
| Right Fork Cane Creek 2.2 to 5.2 | 3 miles | KY514935_01 | River | Kentucky | Kentucky River | 5100204 | Powell | PCR | Escherichia coli |
| Rock Creek 0.0 to 4.3 | 4.3 miles | KY515024_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130104 | McCreary | PCR, SCR, WAH | pН |
| Russell Creek 23.8 to 40.0 | 16.2 miles | KY502521_04 | River | Green/Tradewater | Green River | 5110001 | Adair | PCR, SCR | Fecal Coliform |
| Russell Creek 40.0 to 42.2 | 2.2 miles | KY502521_05 | River | Green/Tradewater | Green River | 5110001 | Adair | PCR, SCR | Fecal Coliform |
| Russell Creek 60.4 to 66.3 | 5.9 miles | KY502521_07 | River | Green/Tradewater | Green River | 5110001 | Adair | PCR, SCR | Fecal Coliform |

| Waterbody & | | *** | Water | | | 8-Digit | | ** | |
|--|-------------|-----------------|-------|---|---------------------|----------|------------|-------------|-----------------|
| Segment | Total Size | Waterbody ID | Type | Watershed | Basin | HUC | County | Use PCR, | Impairment |
| Ryans Creek 0.0 to | | | | Tenn/Miss/Cumbe | Upper | | | SCR, | |
| 5.3 | 5.3 miles | KY515156_00 | River | rland | Cumberland | 5130101 | McCreary | WAH | рН |
| Sand Lick Fork 0.0 | | | | | Kentucky | | | | Total Dissolved |
| to 5.0 | 5 miles | KY515225_00 | River | Kentucky | River | 05100204 | Powell | WAH | Solids |
| Sandy Creek 0.0 to | | | | Tenn/Miss/Cumbe | Lower | | | | |
| 2.3 | 2.3 miles | KY502979_00 | River | rland | Cumberland | 5130205 | Livingston | PCR | Fecal Coliform |
| Skinframe Creek 0.0 | | | | Tenn/Miss/Cumbe | Lower | | | | |
| to 4.8 | 4.8 miles | KY503607_00 | River | rland | Cumberland | 5130205 | Lyon | PCR | Fecal Coliform |
| Sleepy Run 0.0 to | 2.0 | 1/3/502/70 00 | D: | C 14 /T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Licking | 5100101 | T21 | DCD | F 1 C . 1'C |
| 2.8 South Fork of Little | 2.8 miles | KY503678_00 | River | Salt/Licking | River | 5100101 | Fleming | PCR | Fecal Coliform |
| Barren River 0.0 to | | | | | | | | PCR, | |
| 23.1 | 23.1 miles | KY503933_01 | River | Green/Tradewater | Green River | 5110001 | Metcalfe | SCR | Fecal Coliform |
| South Fork of Little | | | | | | | | | |
| Barren River 23.1 to | 7 1 | 1/3/502022 02 | D: | Green/ | C D: | 05110001 | 3.6 . 10 | DCD | E 10.10 |
| 30.1 | 7 miles | KY503933_02 | River | 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/Cumbe rland | Lower Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| | 10.5 Illies | K1303934_01 | River | Tenn/Miss/Cumbe | Lower | 3130203 | Christian | PCR | recai Comorni |
| South Fork of Little River 10.3 to 20.3 | 10 miles | KY503934_02 | River | rland | Cumberland | 5130205 | Christian | PCR | Fecal Coliform |
| South Fork Red River | | _ | | | Kentucky | | | | Total Dissolved |
| 0.0 to 3.9 | 3.9 miles | KY515547_01 | River | Kentucky | River | 5100204 | Powell | WAH | Solids |
| South Fork Red River | | | | | Kentucky | | | | Total Dissolved |
| 3.9 to 10.1 | 6.2 miles | KY515547_02 | River | Kentucky | River | 5100204 | Powell | WAH | Solids |
| Straight Creek 0.0 to | | | | Tenn/Miss/Cumbe | Upper | | | | |
| 1.7 | 1.7 miles | KY515746_01 | River | rland | Cumberland | 5130101 | Bell | PCR | Fecal Coliform |
| Straight Creek 1.7 to | | | | Tenn/Miss/Cumbe | Upper | | | | |
| 23.5 | 21.6 miles | KY515746_02 | River | rland | Cumberland | 5130101 | Bell | PCR | Fecal Coliform |
| Stump Cave Branch | 2.4 11 | 1/3/51/57/55 01 | D. | 177 1 | Kentucky | 5100204 | D 11 | XXXAXX | Total Dissolved |
| 0.0 to 2.4 | 2.4 miles | KY515765_01 | River | Kentucky | River | 5100204 | Powell | WAH | Solids |

| 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 | 5140205 | Hopkins | PCR, SCR, WAH | pН |
| Sugar Creek 2.2 to 6.9 | 4.7 miles | KY504655_01 | River | Tenn/Miss/Cumbe rland | Lower Cumberland | 5130205 | Livingston | PCR | Fecal Coliform |
| Sulphur Creek 0.0 to 10.7 | 10.7 miles | KY504734_01 | River | Green/Tradewater | Green River | 5110001 | Adair | PCR | Fecal Coliform |
| Taylorsville Lake | 3050 Acres | KYCLN141_00 | Freshw ater Reserv oir | 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 | 5100101 | Fleming | PCR | Fecal Coliform |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | PCR | Fecal Coliform, Escherichia coli |
| UT to Baughman Fork 0.0 to 1.1 | 1.1 miles | KY486478- 2.6_01 | River | Kentucky | Kentucky River | 5100205 | 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 | 5100205 | Fayette | WAH | Organic Enrichment (Sewage) Biological Indicators |
| UT to Fleming Creek 0.0 to 2.1 | 2.1 miles | KY492236- 4.4_00 | River | Salt/Licking | Licking River | 5100101 | Fleming | PCR | Fecal Coliform |
| UT to Rolling Fork 0.0 to 0.6 | 0.6 miles | KY502293- 94.6_00 | River | Salt/Licking | Salt River | 5140103 | Marion | PCR, WAH | рН |
| UT to South Fork of Russell Creek 0.0 to 0.6 | 0.6 miles | KY503945- 4.8_00 | River | Green/Tradewater | Green River | 5110001 | Green | WAH | Total Dissolved Solids |

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|----------------------------|------------|--------------|---------------|-----------------------|---------------------|----------------|----------|---------------------|----------------|
| 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 | 5110001 | Hardin | PCR | Fecal Coliform |
| White Oak Creek 0.0 to 4.2 | 4.2 miles | KY516318_01 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130104 | McCreary | PCR, SCR, WAH | pН |
| Wildcat Branch 0.0 to 2.1 | 2.1 miles | KY516359_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130103 | Pulaski | PCR, SCR, WAH | рН |
| Wilson Run 0.0 to 5.1 | 5.1 miles | KY506915_00 | River | Salt/Licking | Licking River | 5100101 | Fleming | PCR | Fecal Coliform |
| Yocum Creek 0.0 to 6.5 | 6.5 miles | KY507228_00 | River | Tenn/Miss/Cumbe rland | Upper Cumberland | 5130101 | Harlan | PCR | Fecal Coliform |

Appendix D. Assessment Methodology

This section is reproduced from Section 3.2 of Volume I of the IR in order to make Volume II a stand-alone document.

3.2 Assessment Methodology

General Assessment Methods. Beginning with the 2005 electronic 305(b) report submittal, the commonwealth began assigning assessed uses, and any associated nonassessed uses, of stream segments and lakes to the appropriate category of the five reporting categories recommended by EPA (2005). Of those categories, two categories were divided to better define assessment results; categories 2B and 5B were added by KDOW to track assessed segments that did not conform to the predefined categories. Those categories used by the commonwealth are listed in Table 3.2-1. Many water body segments had monitored data for only one use assessment, typically aquatic life use (warmwater or coldwater aquatic habitat).

Table 3.2-1. Reporting categories assigned to surface waters during the assessment process.

| Category | <u>Definition</u> |
|----------|---|
| 1 | All designated uses for water body fully supporting. |
| 2 | Assessed designated use(s) is/are fully supporting, but not all designated uses |
| | assessed. |
| 2B | Segment currently supporting use(s), but 303(d) listed & proposed to EPA |
| | for delisting. |
| 3 | Designated use(s) has/have not been assessed (insufficient or no data |
| | available). |
| 4A | Segment with an EPA approved or established TMDL for all listed uses not |
| | attaining full support. |
| 4B | Nonsupport segment with an approved alternative pollution control plan (e.g. |
| | BMP) stringent enough to meet full support level of all uses within a |
| | specified time. |
| 4C | Segment is not meeting full support of assessed use(s), but this is not |
| | attributable to a pollutant or combination of pollutants. |
| 5 | TMDL is required. |
| 5B | Segment does not support designated uses based on evaluated data, but based |
| | on Kentucky listing methodology insufficient data are available to make a |
| | listing determination. No TMDL needed. |

When considering waters for assessment, KDOW solicited data from a variety of entities. This included other government agencies, such as state agencies (e.g. Department of Fish & Wildlife), local agencies (e.g. Lexington-Fayette Urban County Government) and federal agencies such as USACE, USF&WS and USGS. Also, data from universities and ORSANCO were considered.

Generally, data older than five years were not considered for assessment; however, assessment decisions were made on a case-by-case basis—not all data older than five years were excluded from consideration. Data older than five years were considered if they were the only data available for a water body.

A number of causes (pollutants) in EPA's 2006 IR guidance were considered pollution rather than pollutants. A water body found not supporting a use and shown to be impaired by pollution, without identified pollutants, does not require a TMDL, rather an alternative plan to bring the use back to full support (Category 4B). Causes considered pollution are found in Table 3.2-2. The rationale behind pollutant vs. pollution is that a pollutant is a measurable variable, and its presence above criteria results in designated use impairment. It is the causal variable, not the indicator or response variable of one or more pollutants (sedimentation/siltation, total phosphorus, ammonia, methylmercury, etc). An example of pollution is alteration in stream-side or littoral vegetative cover, a category that in and of itself may not directly attribute to impairment or water quality degradation. The loss of this vegetative integrity can result in excess nutrients and sedimentation/siltation (pollutants) that will subsequently affect biological communities, water quality, in-stream habitat and temperature. The previous example also serves to clarify why habitat assessment (streams) is also considered pollution. Pollutants such as sedimentation/siltation, nutrients, or water temperature are listed with those nonsupporting segments, directly identifying the pollutant(s) and associated pollution that should be addressed to restore full use support.

The cause *habitat assessment (streams)* was a commonly reported pollution for streams not supporting aquatic life use based on biological community results. It should be noted that streams with this identified pollution make their way on the 303(d) list since it is almost never without associated pollutants such as sedimentation/siltation because riparian vegetation abates excess sedimentation, removes excess nutrients and ameliorates water temperature. In the uncommon circumstance where *habitat assessment (streams)* was the only reported "cause," it was recognized that pollutants had not been observed or measured that were impacting the biological community(s). In these instances the cause *impairment unknown* was associated with those water bodies or segments, which as a pollutant-surrogate, resulting in assigning it to the 303(d) list. In

Table 3.2-2. List of those causes considered pollution by the KDOW (ADB numerical codes listed).

- (67) Abnormal fish histology (lesions)
- (84) Alteration in stream-side or littoral vegetative covers
- (85) Alterations in wetland habitats
- (105) Benthic-macroinvertebrate bioassessment (streams)
- (150) Chlorophyll a
- (161) Combination benthic/fishes bioassessments (streams)
- (162) Combined biota/habitat bioassessments (streams)
- (181) Debris/floatable/trash
- (205) Dissolved oxygen saturation
- (218) Eurasian water milfoil, Myriophyllum spicatum
- (227) Excess algal growth
- (228) Fish-passage barrier
- (229) Fish kills
- (230) Fishes bioassessment (streams)
- (243) Habitat assessment (streams)
- (266) Lake bioassessment
- (270) Low flow alterations
- (312) Non-native aquatic plants
- (313) Non-native fish, shellfish, or zooplankton
- (316) Odor threshold number
- (319) Other flow regime alterations
- (331) Particle distribution (embeddedness)
- (336) Periphyton (Aufwuchs) indicator bioassessments (stream)
- (344) Physical substrate habitat alterations
- (368) Secchi disk transparency
- (387) Suspended algae
- (402) Total organic carbon
- (412) Trophic State Index
- (422) Dreissena polymorpha, zebra mussel
- (445) Abnormal fish deformities, erosions, lesions, tumors
- (446) Habitat assessment (lakes/reservoirs)
- (450) High flow regime
- (459) Taste and odor
- (460) Aquatic plants (native)
- (465) Fish advisory (no restriction)
- (466) Sediment screening value exceedence
- (471) Bottom deposits
- (477) Bacterial slimes
- (478) Aquatic plants (macrophytes)
- (479) Aquatic algae

these instances more intensive investigation is needed to determine individual pollutants than the initial biosurvey provided. In this example the water body or segment will be assigned to category 5 (303[d] list) with the pollution, *habitat assessment (streams)*, included in the list of impairments in the 305(b) assessment table (Appendix A). It is recognized that to restore aquatic life use, pollution (e.g. riparian vegetative zone) must be rectified as part of the process in addressing the pollutant(s), in this example sedimentation/siltation.

Another group of causes considered pollution that may be recognized in stream biosurveys are those indicating non-native aquatic plants, non-native fish, shellfish, or zooplankton, for example zebra mussel, *Dreisenna polymorpha*. While these conditions are undesirable and can have a negative impact on the native plant or animal communities in a water body, non-natives, almost without exception, have been introduced accidentally or intentionally via commerce or recreation (ship ballasts, boating, aquarists, sportspersons [non-native trout], etc.). To develop and implement a TMDL to eliminate these non-natives would often be more damaging to the environment (e.g. biocides or mechanical removal), or unpopular in the case of trout species, then leaving them inplace because they are often widespread and prevalent. For example, if the non-native carp, Cyprinus carpio, found in many perennial streams and reservoirs in the state, was considered a pollutant rather than pollution, a TMDL would be required to address this in thousands of stream miles and reservoir acres. These examples are instances where the occurrence of impairments considered pollution (non-natives) alone will not result in a category 5 listing, rather a category 2 listing if all biological community metrics indicate the aquatic life use is supporting.

Causes that may be indicators (response variables) of nonsupport aquatic life use but are not pollutants themselves: 1) benthic macroinvertebrate bioassessment (streams); 2) chlorophyll a; 3) combination benthic/fishes bioassessment; 4) combined biota/habitat bioassessments (streams); 5) dissolved oxygen saturation; 6) excess algal growth; 7) fishes bioassessment (streams); 8) lake bioassessment; 9) periphyton (aufwuchs) indicator bioassessments (stream); 10) Secchi disk transparency; 11) suspended algae; 12) trophic state index; 13) fish advisory – no restriction; and 14) particle distribution (embeddedness), are considered pollution. The KDOW uses macroinvertebrates and fishes routinely to make aquatic life use support determinations in streams. These biological indicators provided the data necessary to produce KDOW's multimetric

indices through correlation with stressors resulting in the assignment of tolerance levels based on taxon, percent dominance of tolerant taxa, percent intolerant taxa, such as Ephemeroptera (mayflies), feeding strategy (e.g. filterers or scrapers), as well as watershed drainage area which naturally influences the population composition within each community. While these biological communities are robust environmental indicators of water quality and integrity of habitat, they are not pollutants, but a manifestation of those tolerant organisms exploiting conditions that will not support clean-water, intolerant populations. Through physicochemical variables collected at time of biosurveys and habitat assessment (in-stream habitat and land use observations), the most detrimental pollutants are usually recognized as contributors to the degraded biological community. Most stream miles in Kentucky not supporting aquatic life use were impaired primarily by the pollutants sedimentation/siltation (habitat smothering), nutrient enrichment, and cause unknown, in addition to pollution in the form of habitat assessment (alterations) (often riparian zone related). All these pollutants affect instream habitat or physicochemical variables that manifest in the biological community structure. In cases where no pollutants were recognized, impairment unknown is listed, which places the water body or segment in category 5, requiring a TMDL.

The total number of assessed stream miles was determined by adding the miles represented by the site-specific random survey (not extrapolated data) and the miles assessed by targeted monitoring. In other words, miles assessed by targeted monitoring in wadeable streams were included in miles assessed by the random biosurvey ($1^{st} - 5^{th}$ Strahler order). However, results were also presented separately for targeted and random (extrapolated) total miles.

3.2.1 Aquatic Life Use

The water quality and biological data provided by the programs described in the preceding sections were used to assess use support in rivers and streams. Table 3.2.1-1 shows the core designated uses of Kentucky waters and the indicators employed to make those use support determinations. Given the comprehensive suite of parameters sampled

Table 3.2.1-1. Designated uses in Kentucky waters and the indicators used to assess level of support.

| Use | Aquatic Life | Recreation | Fish Consumption | ^a Drinking Water |
|-------------|-----------------------------|-----------------------------------|--------------------|-----------------------------|
| Core | Stream: | Stream: | Mercury | Inorganic chemicals |
| Indicators | 1-3 biological communities: | Pathogen indicators: | PCBs | Organic chemicals |
| | macroinvertebrates, diatoms | fecal coliform; E. coli | | Pathogen indicators: |
| | and fishes | рН | | fecal coliform, E. coli |
| | Dissolved oxygen | | | |
| | Temperature | Lakes/Reservoir: | | |
| | рН | Pathogen indicators: | | |
| | Specific conductance | fecal coliform or E. coli | | |
| | | рН | | |
| | Lake/Reservoir: | | | |
| | Dissolved oxygen | | | |
| | Temperature | | | |
| | рН | | | |
| | Specific conductance | | | |
| | Fish kills | | | |
| | | | | |
| Suplemental | Chlorophyll-a | Nuisance macrophytes | Other chemicals of | Odor |
| Indicators | Trophic State Index (TSI) | Nuisance macroscopic algal growth | concern found | Taste |
| | Secchi depth | Nuisance algal blooms | in water quality | Treatment problems |
| | Indicator health (vigor) | Suspended sediment | standards | caused by poor water |
| | Chemical | | | quality |
| | Sediments | | | |

^aAll core indicators are based on "at the tap" MORs received from PWS

by KDOW for many stream assessments, both biological and physicochemical, a determination can typically be made as to the cause(s) and source(s) of pollutant or pollution affecting the resource. Further investigation during TMDL development may lead to specific definition of causes and sources. Data were categorized as *monitored* or *evaluated* for assessment. Monitored data were derived from site-specific surveys and generally no more than five years old. Typically, data older than five years were considered evaluated, but this did not change the assessment category a water body and/or segment had been assigned unless there were more recent monitored data. In some instances where conditions were believed to have remained mostly unchanged, monitored data collected prior to 1995 were still considered valid, and waters described by these data were categorized as monitored. Additionally, data from the random survey network were used. Like the targeted stations, each random survey station was used to assess a limited reach of stream around the sample point. Few evaluated waters remain in the assessment database. Although all efforts in the watershed initiative were to gather

defensible, monitored data, there were some monitoring data more than five years old, strong anecdotal information, and extrapolation of discharge data that resulted in evaluated assessments.

Water Quality Data. Chemical data collected by KDOW and others were assessed according to EPA guidance (U.S. EPA 1997). Water quality data were compared to criteria contained in Kentucky Water Quality Regulations (401 KAR 10:031). The segment fully supported WAH use when criteria for dissolved oxygen, unionized ammonia, temperature and pH were not met in 10 percent or less of the samples collected. Impaired, partial support was indicated if any one criterion for these parameters was not met in 11-25 percent of the samples. A segment was impaired, not supporting if any one of these criteria was not met in more than 25 percent of the samples.

Data for total metals were analyzed for exceedences of acute criteria listed in state water quality standards regulations (401 KAR 10:031) using at least three years of data. The segment fully supported WAH use if all criteria were met at stations with quarterly or less frequent sampling, or if only one exceedence occurred at stations with monthly sampling. Impaired, partial support was indicated if any one criterion was not met more than once but in less than 10 percent of the samples. The segment was impaired, not supporting, if criteria were exceeded in greater than 10 percent of the samples. The assessment criteria were closely linked to the way state and federal water quality criteria were developed. Aquatic life was considered protected if, on average, the acute criteria were not exceeded more than once every three years. Data were also compared to chronic criteria. Observations that equaled chronic criteria were not considered to exceed water quality standards. Toxic criteria were assessed based on 12 monthly samples at the rotating watershed ambient water quality network stations and generally 36 samples from the primary ambient water quality network. The segment fully supported WAH use if all criteria met or exceeded only once. Impaired, partial support was assessed if any criterion was not met more than once, but in less than 10 percent of samples. The segment was impaired, not supporting if criteria were exceeded in greater than 10 percent of samples.

Biological Data (**streams**). Decisions about use attainment for aquatic life were primarily made using biological data obtained from monitoring programs within the

KDOW and other agencies. There are a number of reasons biological data are important in making level of support decisions for aquatic life use. Biological communities (indicators) integrate their environment and thus serve as good indicators of the conditions (physical, chemical, and habitat) they live in. The core indicators for bioassessment are outlined in Table 3.2.1-2. Level of use support was dependent on the indicator community(s) health and integrity, with supplemental physicochemical and habitat data. These results were applied for assessment purposes as outlined in Table 3.2.1-2.

Table 3.2.1-2. Biological criteria for assessment of warm- or coldwater aquatic habitat (streams) use support^a.

| Indicator | Fully Supporting | Partial Support | Nonsupport |
|--------------------|--|---|---|
| Algae | Diatom Bioassessment Index (DBI) Classification of excellent or good; biomass similar to reference/control. | DBI classification of fair; increased biomass (if nutrient enriched) of filamentous green algae. | DBI classification of poor; biomass very low (toxicity), or high (organic enrichment). |
| Macroinvertebrates | Macroinvertebrate Bioassessment Index (MBI) excellent or good, high EPT, sensitive species present. | MBI classification of fair, EPT lower than expected in relation to available habitat, reduction in relative abundance of sensitive taxa. Some alterations of functional groups evident. | MBI classification of poor; EPT low, total number of individuals of tolerant taxa very high. Most functional groups missing from community. |
| Fishes | Index of Biotic Integrity (IBI) excellent or good; presence of uncommon, endangered or species of special concern. | IBI fair. | IBI poor, very poor, or no fish. |

^aAcronyms used in this table: EPT= Ephemeroptera, Plecoptera, Trichoptera; RA= relative aburdance; TNI- total number of individuals

Macroinvertebrates have been used extensively in water quality monitoring and impact assessment since the early 1900s. Today, macroinvertebrates are used throughout the world in water quality assessment as environmental indicators of biological integrity, to

describe water quality conditions or health of the aquatic ecosystem, and to identify causes (pollutants) of impairment. This indicator community is relatively sedentary, spending a significant portion of their life cycle in the aquatic environment. Various populations of a community are dependent on multiple habitats in the water column, occupy more than one consumer level throughout the food web (herbivores, omnivores, and carnivores) and, significantly, many sensitive taxa (benthos) live in or on the sediments of streams. These characteristics and habits make this a key indicator group of their environment. KDOW defines benthic macroinvertebrates as organisms large enough to be seen by the unaided eye, can be retained by a U.S. Standard Number 30 sieve (28 mesh/inch, 600 µm openings), and live at least part of their life cycle within or upon available substrates of a water body. In addition to determining use support level, biomonitoring will identify those Exceptional Waters (401 KAR 10:030) (those waters that are among the most biologically diverse and represent biological integrity to a high degree in a given bioregion) occurring across the commonwealth.

The evaluation of fish community structure is an important component of biological monitoring providing reliable assessments for the CWA, Section 305(b). The Kentucky Index of Biotic Integrity (KIBI) was developed based on reference conditions and tolerances, and community feeding structure of species present. Advantages of using fish as biological indicators include their widespread distribution, utilization of a variety of trophic levels, stable populations during summer months, and the availability of extensive life history information (Karr et al. 1986).

Algal (primarily diatoms) communities are important water quality indicators, particularly as it relates to trophic status (nutrient or organic enrichment) and toxicity conditions. This indicator group is critical to the food web of streams, beginning the process of primary production through photosynthesis. The Diatom Bioassessment Index (DBI) is used to assess this indicator community.

Federally Threatened and Endangered Species. Waters with federally threatened or endangered species in November 1975 have an existing designated use of Outstanding State Resource Water (OSRW), and the loss or significant decline of one of these populations constitutes an impairment of use. Waters where previously unknown

populations of federally listed species inhabit are automatically included in the OSRW designated use per 401 KAR 10:031.

Lakes and Reservoirs. Lakes and reservoirs were assessed for aquatic life use by measuring several physicochemical indicators and reported fish kills. The lack of a direct biological indicator is primarily due to most of this resource being manmade, thus supporting altered and unnatural biological communities that are composed almost exclusively of tolerant species (e.g. Tubificidae, *Chironomus* spp., *Chaoborus* spp., *Glyptotendipes* spp., etc.) that are capable of exploiting this naturally low DO-stressed environment. Thus, the core and supplemental indicators shown in Table 3.2.1-1 are of utmost importance to assure water quality conditions are suitable for supporting sportfish and associated prey fishes. Populations of these fishes are the primary concern for aquatic life use being met in these created environments. Table 3.2.1-3 outlines those criteria used in making use assessment decisions.

Trophic state was assessed in lakes and reservoirs using the Carlson Trophic State Index (TSI) for chlorophyll *a*. This method is convenient because it allows lakes and reservoirs to be ranked numerically according to increasing eutrophy, and it also provides for a distinction between oligotrophic, mesotrophic, eutrophic, and hyper-eutrophic lakes and reservoirs. The growing season (March through October) average TSI value was used to rank each lake. Areas of lakes that exhibited trophic gradients or embayment differences often were analyzed separately.

3.2.2 Primary Contact Recreation Use Support

Fecal coliform or *Escherichia coli* and pH data were used to indicate the degree of support for primary contact recreation (PCR) (swimming) use. PCR assessment was based on six monthly grab samples collected during the recreation season of May through October. The use fully supported if *E. coli* criterion of 240 colonies per 100 mL (400 colonies per 100 mL for fecal coliform) was not met in less than 20 percent of samples; it was impaired, partial support, if either criteria were not met in 25-33 percent of samples; and impaired, nonsupport, if either criteria were not met in greater than 33 percent of samples. Secondary contact recreation (SCR) was also assessed following the same method using fecal coliform data at the concentration of greater than 2000 colonies per

Table 3.2.1-3. Criteria for lake and reservoir use support classification.

| Category | Fish Consumption | Warmwater Aquatic Habitat | Secondary Contact Recreation | Domestic Supply |
|---------------------------------|--|---|---|--|
| Not | (Pollutant specific) | (At least two of the following criteria) | (At least one of the following criteria) | (At least one of the following criteria) |
| Supporting: | | | | |
| | Methylmercury >1.0 ppm (fish tissue) | Fish kills caused by poor water quality | Widespread excess macrophyte/macro- scopic algal growth | Chronic taste and odor complaints caused by algae |
| | PCBs >1.9 ppm (fish tissue) | Severe hypolimnetic (deepest layer in a thermally stratified lake or reservoir) oxygen depletion | Chronic nuisance algal blooms | Chronic treatment problems caused by poor water quality |
| | | Dissolved oxygen average less than 4 mg/L in the epilimnion (upper most layer of water in a thermally stratified lake or reservoir) | | Exceeds drinking water MCL |
| | | Other specific cause (e.g. low pH) | | |
| Partially Supporting: (At least | Methylmercury >0.3 – 1.0 ppm (fish tissue) | Dissolved oxygen average less than 5 mg/L in the epilimnion | Localized or seasonally excessive macrophyte/macroscopic algal growth | Occasional taste and odor complaints caused by algae |
| one of the following | PCBs >0.2 ppm – 1.9 ppm (fish tissue) | Severe hypolimnetic oxygen depletion | Occasional nuisance algal blooms | Occasional treatment problems caused by poor water quality |
| criteria) | | Other specific cause (e.g. low pH) | High suspended sediment concentrations during the recreation season | |
| Fully Supporting: | Methylmercury <0.3 ppm and PCBs <0.2 ppm | None of the above | None of the above | None of the above |

100 mL. Streams with pH less than 6.0 SU or greater than 9.0 SU were considered full support if these criteria were exceeded once, but in less than 10 percent of samples collected in the recreation season; impaired, partial support, if the standard was exceeded more than once, but in less than 10 percent of the samples during the recreation season; and impaired, nonsupport, if the criterion was exceeded in more than 10 percent of samples during the recreation season.

3.2.3 Other Data Sources

Discharge Monitoring Reports (DMRs). Discharge monitoring report (DMR) data, collected by Kentucky Pollutant Discharge Elimination System (KPDES) permit holders, were assessed through KDOW's permit compliance database. Depending on the relative sizes of the wastewater discharge, the receiving stream and the severity of the permit exceedences, it sometimes was possible to assess in-stream uses as nonsupporting either aquatic life or PCR. Because in-stream data were usually not collected, stream assessments based only on DMR data were considered evaluated, not monitored, and these segments were assigned to category 5B.

US Army Corps of Engineers (USACE) Reservoir Projects. Dam projects on major streams in Kentucky were monitored with the cooperation of the USACE. This collaborative effort resulted through the need for each agency to share stretched resources to monitor those reservoirs in each BMU of focus. Reservoir water quality variables were monitored over the growing season (March through October) as were major in-flow and out-flow tributaries of these reservoirs. Aquatic life use support level was determined using these monitored data for reservoir and monitored tributaries. The Louisville USACE District manages those dam projects in the Kentucky River BMU; the KDOW exclusively monitored those USACE reservoirs managed by the Huntington, West Virginia District in the Big Sandy-Little Sandy-Tygarts BMU.

3.2.3 Fish Consumption Use Support

Fish consumption, in conjunction with aquatic life use, assesses attainment of the fishable goal of the Clean Water Act. Assessment of the fishable goal was separated forming these two categories in 1992 because the fish consumption advisory does not preclude attainment of the aquatic life use and vis-à-vis. Separating fish consumption

and aquatic life use support gives a clearer picture of actual water quality conditions. Table 3.2.1-1 relate those criteria used to make fish consumption use support decisions, and Table 3.2.1-3 show the concentrations of methylmercury and PCBs that result in a specific level of support; these concentrations apply to lakes, reservoirs and streams.

Kentucky revised its methodology for issuing fish consumption advisories in 1998 to a risk-based approach patterned after the Great Lakes Initiative. The risk-based approach generally is more conservative than the Food and Drug Administration (FDA) action levels that were used previously. For example, the FDA action level for mercury was 1.0 mg/Kg, but the risk-based number for issuing an advisory is as low as 0.12 mg/Kg. As a result of this change in methodology, a statewide advisory was issued in April 2000 for children under six and women of childbearing age to not consume more than one meal per week of any fish from Kentucky waters because of mercury. However, EPA issued a mercury water quality criterion expressed as a methylmercury concentration in fish tissue of 0.3 mg/Kg, and the commonwealth has subsequently adopted it. Therefore, for purposes of 305(b) reporting, waters were not considered impaired unless fish exhibited methylmercury tissue concentrations greater than 0.3 mg/Kg. In other words, the fish tissue concentration triggering the statewide advisory (0.12 mg/Kg) was considered more stringent than water quality standards.

Other than the statewide advisory for mercury explained above, the following criteria were used to assess support for the fish consumption use:

- Fully supporting- no fish consumption restrictions or bans in effect;
 highest species concentration ≤ 0.3 mg/Kg
- Impaired: Partial support- "restricted consumption," fish consumption advisory in effect for general population or a subpopulation that potentially could be at greater risk (e.g. pregnant women, children); highest species concentration > 0.3 mg/Kg 1.0 mg/Kg. Restricted consumption was defined as limits on the number of meals consumed per unit time for one or more fish species
- Impaired: Not supporting- a no consumption fish advisory or ban in effect for general population or a subpopulation that potentially could

be at greater risk, for one or more fish species, or a commercial fishing ban in effect; highest species concentration > 1.0 mg/Kg.

3.2.4 Drinking Water Supply

Drinking water use support was determined in several ways (Table 3.2.1-1). First, compliance with maximum contaminant levels (MCLs) in finished water was determined by the annual average of quarterly samples. These MCL data were gleaned from monthly operating reports (MORs) submitted to KDOW, Compliance and Technical Assistance Branch, from treatment facilities. Drinking water use assessments in reservoirs were supplemented by surveys of drinking water operators on any taste and odor problems and use of biocides (Table 3.2.1-1). In-stream water quality data generally were not available to assess drinking water use.

3.2.5 Causes and Sources

Causes (pollutants and pollution) and sources were categorized according to EPA guidance. Causes for primary contact recreation, fish consumption, and water supply usually were easily identified. The majority of segments or water bodies not supporting aquatic life use were determined by biological monitoring supplemented by monitoring of select physicochemical parameters. Causes and sources of impairment may not be evident in the field and there may be other pollutants contributing to use impairment that were not listed. Once on the 303(d) list, subsequent intensive monitoring and watershed reconnaissance of land uses will more fully identify causes and sources of impairments.

3.2.6 Determination of Assessment Segments

Once an assessment was made on a water body, an appropriate segment or portion of the water body representative of the monitored area was determined. Part of this determination was based on the type of data collected (e.g. physicochemical, biological, bacteriological, fish tissue or variables for lake/reservoir assessment).

Aquatic Life, Recreation and Fish Consumption Uses. This monitoring activity occurred throughout the state at the Primary Ambient Water Quality Stations (Primary Network) and in the Rotating Watershed Stations particular to the BMU cycle

phase. Since the Primary Network stations are located on large streams and rivers, assessed segments are taken downstream and upstream to significant tributary streams; significance of tributaries is based on the watershed area and relative volume. Another important factor considered in defining segments is significant changes in land use, such as from a contiguous forested area to a non-forested area with fragmented riparian vegetative zone. Habitat conditions along the corridor are assessed for the same reasons as physicochemical parameters for biological communities. Since many of KDOW's PCR-SCR (recreation) monitoring locations are associated with the ambient water quality network, the same rationale is used to define these segments and typically is the same as the defined segment for the accompanying aquatic life use assessment.

Waters assessed for aquatic life use with biological community data often will be of shorter segment reach since biological indicators are typically more responsive to subtle changes in water quality as they integrate these conditions over a relatively long time. Typically the smaller the watershed, a proportionately greater segment will be defined since the conditions and influences from surrounding land use were often similar and localized. In larger watersheds, typically greater than five square miles, proportionately smaller assessment segments are defined because of the increased potential of pollutant sources and potential changes in habitat. These segments often are defined by upstream and downstream tributaries judged to be of significant drainage area to the receiving stream.

Fish consumption segments are defined in a similar method as those reaches assessed using only physicochemical or bacteria data. Many fish species are relatively far ranging, and that factor has significant consideration in defining segments. Also, with the plethora of sources, and the likelihood that much of the mercury contamination in waters comes via atmospheric deposition, relatively long reaches are often defined when making these assessments. However, significant tributaries are often used to make the upstream and downstream termini, with less consideration given to habitat for the reasons given above. In boatable streams that have locks and dams the intervening pool between each lock and dam is typically considered an assessment unit.

Drinking Water Use. Since this use was assessed utilizing finished water data supplied by Public Water Systems (PWS) the assessed segments were usually

conservative when applied to the source water. The assessment segments were typically taken from the point of withdrawal and extended upstream one mile. A few exceptions to that rule occurred when multiple uses were assessed (e.g. fish tissue, aquatic life) in the same general area of PWS withdrawal points. Those segments were usually longer (see section above on these use assessment segments) in order to accommodate other uses that overlapped the PWS withdrawal point. For reservoirs, the assessment was applied to the water body.



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