

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

Volume II. 303(d) List of Surface Waters



Kentucky Energy and
Environment Cabinet
Division of Water
October 2013

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This report has been approved for release:



Peter Goodmann
Acting Director, Division of Water

3 October 2013
Date

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

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

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

Since 1998, Kentucky has monitored surface waters using a five-year rotating watershed management approach in which each of the five major Basin Management Units (BMUs) receives intensive monitoring in sequential years over the five-year cycle. To make the 303(d) list reflective of the current 305(b) assessment results, the 2012 303(d) list contains new listings of impaired waters from assessments made in 2009 through 2010. Additionally, long-term water quality stations had five years of data considered, beginning with 2005 for the Salt/Licking BMU and 2006 for the Tennessee/Mississippi/Cumberland BMU. The number of impaired waters (2483) reported in this volume has not increased notably over the number reported in the 2010 IR. The number of impaired waters does not represent a declining trend in water quality but instead is a result of increased monitoring efforts in regions that previously had only a few monitoring stations on larger rivers and streams.

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

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

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

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

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

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

Chapter 4. Status of TMDLs under Development Prior to 2012

4.1 Kentucky Basin Unit

4.1.1 Kentucky River Basin

4.1.1.1 Benson Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---|---------------|--------------------|--|
| Benson Creek into Kentucky River | Franklin | 0.0 to 4.6 | Sedimentation/Siltation |
| Benson Creek into Kentucky River | Franklin | 4.6 to 6.7 | Nutrient/Eutrophication Biological Indicators |
| Benson Creek into Kentucky River | Franklin | 4.6 to 6.7 | Sedimentation/Siltation |
| Benson Creek into Kentucky River | Franklin | 6.7 to 13.4 | Nutrient/Eutrophication Biological Indicators |
| Benson Creek into Kentucky River | Franklin | 6.7 to 13.4 | Sedimentation/Siltation |
| Goose Creek into Benson Creek | Shelby | 0.0 to 1.8 | Sedimentation/Siltation |
| Goose Creek into Benson Creek | Shelby | 1.85 to 4.2 | Cause Unknown |
| North Benson Creek into Benson Creek | Franklin | 0.8 to 1.9 | Nutrient/Eutrophication Biological Indicators |
| North Benson Creek into Benson Creek | Franklin | 0.8 to 1.9 | Organic Enrichment (Sewage) Biological Indicators |
| North Benson Creek into Benson Creek | Franklin | 0.8 to 1.9 | Sedimentation/Siltation |
| North Fork North Benson Creek into North Benson Creek | Franklin | 0.0 to 2.2 | Nutrient/Eutrophication Biological Indicators |
| North Fork North Benson Creek into North Benson Creek | Franklin | 0.0 to 2.2 | Sedimentation/Siltation |

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

4.1.1.2 Boone Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.1.1.3 Cane Run into North Elkhorn Creek

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

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

4.1.1.4 Carr Creek Watershed

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

TMDLs under Development Prior to 2012

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

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

TMDLs under Development Prior to 2012

4.1.1.5 Dix River Watershed

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

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

4.1.1.6 Eagle Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.1.1.7 Hardwick Creek Watershed

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

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

4.1.1.8 Hickman Creek Watershed

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

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

4.1.1.9 Lower Howard

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|--------|-------------|---|
| Lower Howard Cr. into KY River | Clark | 2.65 to 6.5 | Cause Unknown |
| Lower Howard Cr. into KY River | Clark | 2.65 to 6.5 | Nutrient/Eutrophication Biological Indicators |
| Lower Howard Cr. into KY River | Clark | 2.65 to 6.5 | Organic Enrichment (Sewage) Biological Indicators |

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

TMDLs under Development Prior to 2012

4.1.1.10 McConnell Run

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

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

4.1.1.11 Muddy Creek

| Stream Name | County | River Miles | Pollutant |
|-------------------------------------|---------|-------------|----------------|
| Muddy Creek into the Kentucky River | Madison | 0.0 to 20.6 | Fecal Coliform |

KDOW completed monitoring in 2011.

4.1.1.12 North Elkhorn Creek

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

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

4.1.1.13 Potter Fork

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

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

4.1.1.14 Salt River

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

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

TMDLs under Development Prior to 2012

4.1.1.15 South Elkhorn Creek/Town Branch/Wolf Run

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

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

4.1.1.16 Sugar Creek

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

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

4.1.1.17 Swift Camp Creek

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

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

TMDLs under Development Prior to 2012

4.1.1.18 Tate Creek

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

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

4.1.1.19 White Oak Creek

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

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

4.2 Salt-Licking Basin Unit

4.2.1 Licking River Basin

4.2.1.1 Banklick Creek

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

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

TMDLs under Development Prior to 2012

4.2.1.2 Blacks Creek Watershed

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

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

4.2.1.3 Boone Creek Watershed

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

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

4.2.1.4 Elk Fork Watershed

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

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

TMDLs under Development Prior to 2012

4.2.1.5 Fleming Creek Watershed

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

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

4.2.1.6 Hinkston Creek Watershed

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

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

4.2.1.7 Stoner Creek

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

TMDLs under Development Prior to 2012

| Stream Name | County | River Miles | Pollutant |
|---|---------|--------------|--|
| Hoods Creek into Strodes Creek | Clark | 0.0 to 6.3 | Nutrient/Eutrophication Biological Indicators |
| Hoods Creek into Strodes Creek | Clark | 0.0 to 6.3 | Specific Conductance |
| Houston Creek into Stoner Creek | Bourbon | 0.0 to 9.0 | Fecal Coliform |
| Houston Creek into Stoner Creek | Bourbon | 9.0 to 12.7 | Nutrient/Eutrophication Biological Indicators |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Fecal Coliform |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Nutrient/Eutrophication Biological Indicators |
| Johnson Creek into Strodes Creek | Clark | 0.0 to 0.9 | Specific Conductance |
| Kennedy Creek into Stoner Creek | Bourbon | 0.0 to 5.7 | <i>E. coli</i> |
| Little Stoner Creek into Stoner Creek | Clark | 0.0 to 5.3 | Fecal Coliform |
| Pretty Run into Strodes Creek | Clark | 0.0 to 8.0 | Cause Unknown |
| Stoner Creek into South Fork Licking R. | Bourbon | 0.0 to 5.55 | <i>E. coli</i> |
| Stoner Creek into South Fork Licking R. | Bourbon | 5.55 to 15.0 | <i>E. coli</i> |
| Stoner Creek into South Fork Licking R. | Bourbon | 17.3 to 30.1 | <i>E. coli</i> |
| Stoner Creek into South Fork Licking R. | Bourbon | 35.7 to 45.1 | <i>E. coli</i> |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | Fecal Coliform; <i>E. coli</i> |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | Nutrient/Eutrophication Biological Indicators |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | Organic Enrichment (Sewage) Biological Indicators |
| Strodes Creek into Stoner Creek | Bourbon | 2.7 to 7.9 | Sedimentation/Siltation |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Fecal Coliform; <i>E. coli</i> |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Nutrient/Eutrophication Biological Indicators |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Organic Enrichment (Sewage) Biological Indicators |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Sedimentation/Siltation |
| Strodes Creek into Stoner Creek | Bourbon | 7.9 to 19.3 | Specific Conductance |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | Fecal Coliform; <i>E. coli</i> |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | Nutrient/Eutrophication Biological Indicators |
| Strodes Creek into Stoner Creek | Clark | 19.3 to 26.4 | Organic Enrichment (Sewage) Biological Indicators |
| UT of Cooper Run into Cooper Run | Bourbon | 0.0 to 3.8 | <i>E. coli</i> |
| UT of Cooper Run into Cooper Run | Bourbon | 0.0 to 1.0 | <i>E. coli</i> |
| UT of Cooper Run into Cooper Run | Bourbon | 0.0 to 3.05 | <i>E. coli</i> |
| UT of Cooper Run into Cooper Run | Bourbon | 0.0 to 3.05 | Nutrient/Eutrophication Biological Indicators |
| UT of Flat Run into Flat Run | Bourbon | 0.0 to 2.1 | <i>E. coli</i> |
| UT of Flat Run into Flat Run | Bourbon | 0.0 to 2.1 | Nutrient/Eutrophication Biological Indicators |
| UT to Hancock Cr. into Hancock Cr. | Clark | 0.0 to 3.72 | Fecal Coliform |
| UT to Hancock Cr. into Hancock Cr. | Clark | 0.0 to 3.72 | Specific Conductance |
| UT of Strodes Creek into Strodes Creek | Clark | 0.0 to 3.7 | Cause Unknown |
| UT of Strodes Creek into Strodes Creek | Clark | 0.0 to 3.7 | Fecal Coliform; <i>E. coli</i> |
| UT of Strodes Creek into Strodes Creek | Clark | 0.0 to 3.7 | Nutrient/Eutrophication Biological Indicators |

TMDLs under Development Prior to 2012

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

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

4.2.1.8 Threemile Creek

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

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

4.2.2 Ohio River Basin

4.2.2.1 Gunpowder Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.2.2.2 Locust Creek

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

KDOW completed monitoring in 2006.

4.2.2.3 Snag Creek

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

KDOW completed monitoring in 2006.

4.2.2.4 Woolper Creek Watershed

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

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

4.2.3 Salt River Basin

4.2.3.1 Beargrass Creek Watershed

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

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

4.2.3.2 Clear Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.2.3.3 Cox Creek

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

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

4.2.3.4 Floyds Fork Watershed

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

TMDLs under Development Prior to 2012

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

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

TMDLs under Development Prior to 2012

4.2.3.5 Goose Creek Watershed

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

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

4.2.3.6 Hardins Creek

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

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

4.2.3.7 Northern and Southern Ditch Watershed

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

TMDLs under Development Prior to 2012

| Stream Name | County | River Miles | Pollutant |
|---|-----------|-------------|---|
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Fecal Coliform |
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Nutrient/ Eutrophication Biological Indicators |
| Northern Ditch into Southern Ditch | Jefferson | 0.0 to 7.3 | Organic Enrichment (Sewage) Biological Indicators |
| Southern Ditch into Pond Creek | Jefferson | 0.0 to 5.9 | Fecal Coliform |
| Wetwoods Creek (Slop Ditch) into Southern Ditch | Jefferson | 2.2 to 4.25 | Fecal Coliform |
| Wetwoods Creek (Slop Ditch) into Southern Ditch | Jefferson | 2.2 to 4.25 | Cadmium |

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

4.2.3.8 Pond Creek Watershed

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

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

4.3 Tennessee-Mississippi-Cumberland Basin Unit

4.3.1 Lower Cumberland River Basin

4.3.1.1 Elk Fork

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

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

TMDLs under Development Prior to 2012

4.3.1.2 Little River Watershed

| Stream Name | County | River Miles | Pollutant |
|--|-----------|--------------|---|
| Little River into Cumberland River | Trigg | 15.3 to 21.1 | Nutrient/ Eutrophication Biological Indicators |
| Little River into Cumberland River | Trigg | 15.3 to 21.1 | Sedimentation/Siltation |
| Little River into Cumberland River | Trigg | 21.1 to 30.6 | Nitrate/Nitrite (Nitrite + Nitrate as N) |
| Little River into Cumberland River | Trigg | 21.1 to 30.6 | Phosphorus (Total) |
| Little River into Cumberland River | Trigg | 21.1 to 30.6 | Sedimentation/Siltation |
| Little River into Cumberland River | Trigg | 30.6 to 31.9 | Nutrient/ Eutrophication Biological Indicators |
| Little River into Cumberland River | Trigg | 30.6 to 31.9 | Sedimentation/Siltation |
| Little River into Cumberland River | Trigg | 31.9 to 46.1 | Nutrient/ Eutrophication Biological Indicators |
| Little River into Cumberland River | Trigg | 31.9 to 46.1 | Organic Enrichment (Sewage) Biological Indicators |
| Little River into Cumberland River | Trigg | 31.9 to 46.1 | Sedimentation/Siltation |
| Little River into Cumberland River | Christian | 46.1 to 58.3 | Nutrient/ Eutrophication Biological Indicators |
| Little River into Cumberland River | Christian | 46.1 to 58.3 | Organic Enrichment (Sewage) Biological Indicators |
| Little River into Cumberland River | Christian | 46.1 to 58.3 | Sedimentation/Siltation |
| N. Fork Little River into Little River | Christian | 0.0 to 0.3 | Nutrient/ Eutrophication Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.0 to 0.3 | Organic Enrichment (Sewage) Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.0 to 0.3 | Sedimentation/Siltation |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Nutrient/ Eutrophication Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Organic Enrichment (Sewage) Biological Indicators |
| N. Fork Little River into Little River | Christian | 0.3 to 7.0 | Sedimentation/Siltation |
| N. Fork Little River into Little River | Christian | 7.0 to 10.9 | Nutrient/ Eutrophication Biological Indicators |
| N. Fork Little River into Little River | Christian | 7.0 to 10.9 | Organic Enrichment (Sewage) Biological Indicators |
| N. Fork Little River into Little River | Christian | 7.0 to 10.9 | Sedimentation/Siltation |
| N. Fork Little River into Little River | Christian | 10.9 to 16.2 | Nutrient/ Eutrophication Biological Indicators |
| N. Fork Little River into Little River | Christian | 10.9 to 16.2 | Organic Enrichment (Sewage) Biological Indicators |
| N. Fork Little River into Little River | Christian | 10.9 to 16.2 | Sedimentation/Siltation |
| Sinking Fork Little River | Trigg | 2.1 to 5.55 | Sedimentation/Siltation |
| Skinner Creek into Casey Creek | Trigg | 0.0 to 5.9 | Cause Unknown |
| S. Fork Little River into Little River | Christian | 0.0 to 10.3 | Nutrient/ Eutrophication Biological Indicators |
| S. Fork Little River into Little River | Christian | 0.0 to 10.3 | Other |
| S. Fork Little River into Little River | Christian | 0.0 to 10.3 | Sedimentation/Siltation |
| S. Fork Little River into Little River | Christian | 10.3 to 20.3 | Sedimentation/Siltation |
| S. Fork Little River into Little River | Christian | 10.3 to 20.3 | Nutrient/ Eutrophication Biological Indicators |
| S. Fork Little River into Little River | Christian | 10.3 to 20.3 | Other |

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

TMDLs under Development Prior to 2012

4.3.1.3 Pleasant Grove Creek Watershed

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

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

4.3.2 Mississippi River Basin

No TMDLs currently under development.

4.3.3 Ohio River Basin

4.3.3.1 Bayou Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---------------------------------|-----------|-------------|------------------------------------|
| Bayou Creek into Ohio River | McCracken | 0.0 to 11.4 | Beta particles and photon emitters |
| Bayou Creek into Ohio River | McCracken | 0.0 to 11.4 | Copper |
| Bayou Creek into Ohio River | McCracken | 0.0 to 11.4 | Lead |
| Bayou Creek into Ohio River | McCracken | 0.0 to 11.4 | Mercury |
| Little Bayou Cr. into Bayou Cr. | McCracken | 0.0 to 7.2 | Beta particles and photon emitters |
| Little Bayou Cr. into Bayou Cr. | McCracken | 0.0 to 7.2 | Copper |
| Little Bayou Cr. into Bayou Cr. | McCracken | 0.0 to 7.2 | Lead |

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

4.3.4 Tennessee River Basin

4.3.4.1 Clarks River Watershed

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

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

TMDLs under Development Prior to 2012

4.3.5 Upper Cumberland River Basin

4.3.5.1 Laurel River Watershed

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

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

4.3.5.2 Rockcastle River Watershed

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

TMDLs under Development Prior to 2012

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

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

4.3.5.3 Sinking Creek Watershed

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

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

4.4 Green-Tradewater Basin Unit

4.4.1 Green River Basin

4.4.1.1 Bacon Creek

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

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

4.4.1.2 Buck Creek

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

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

TMDLs under Development Prior to 2012

4.4.1.3 Craborchard Creek

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

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

4.4.1.4 Cypress Creek Watershed

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

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

4.4.1.5 Deer Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|---------------------------------------|---------|-------------|--|
| Deer Creek into Green River | Webster | 0.0 to 8.4 | Iron |
| Deer Creek into Green River | Webster | 0.0 to 8.4 | Nutrient/ Eutrophication Biological Indicators |
| East Fork of Deer Creek into Deer Cr. | Webster | 0.0 to 6.8 | Sedimentation/Siltation |
| Havana Creek into Deer Creek | Webster | 0.0 to 2.0 | Sedimentation/Siltation |
| Knoblick Creek into Deer Creek | Webster | 0.0 to 9.1 | Nutrient/ Eutrophication Biological Indicators |
| Knoblick Creek into Deer Creek | Webster | 0.0 to 9.1 | Sedimentation/Siltation |
| Knoblick Creek into Deer Creek | Webster | 0.0 to 9.1 | Total Dissolved Solids |

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

TMDLs under Development Prior to 2012

4.4.1.6 Flat Creek

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

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

4.4.1.7 Long Falls Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|----------------------------------|--------|-------------|-------------------------|
| Brush Fork into Long Falls Creek | McLean | 0.0 to 4.4 | pH |
| Brush Fork into Long Falls Creek | McLean | 0.0 to 4.4 | Sedimentation/Siltation |
| Long Falls Cr. into Green River | McLean | 0.0 to 7.6 | Fecal Coliform |
| Long Falls Cr. into Green River | McLean | 0.0 to 7.6 | Sedimentation/Siltation |
| Long Falls Cr. into Green River | McLean | 0.0 to 7.6 | Total Dissolved Solids |
| Long Falls Cr. into Green River | McLean | 7.6 to 11.9 | Fecal Coliform |
| Long Falls Cr. into Green River | McLean | 7.6 to 11.9 | pH |
| Long Falls Cr. into Green River | McLean | 7.6 to 11.9 | Sedimentation/Siltation |
| Long Falls Cr. into Green River | McLean | 7.6 to 11.9 | Total Dissolved Solids |

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

4.4.1.8 Panther Creek Watershed

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

TMDLs under Development Prior to 2012

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

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

4.4.1.9 Pond Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|------------|--------------|--------------------------|
| Bat East Creek into Pond Creek | Muhlenberg | 0.0 to 3.3 | Sedimentation/ Siltation |
| Bat East Creek into Pond Creek | Muhlenberg | 0.0 to 3.3 | Total Dissolved Solids |
| Bat East Creek into Pond Creek | Muhlenberg | 3.4 to 7.5 | Cause Unknown |
| Bat East Creek into Pond Creek | Muhlenberg | 3.4 to 7.5 | Total Dissolved Solids |
| Caney Creek into Pond Creek | Muhlenberg | 0.0 to 3.6 | Sedimentation/ Siltation |
| Caney Creek into Pond Creek | Muhlenberg | 0.0 to 3.6 | Total Dissolved Solids |
| Caney Creek into Pond Creek | Muhlenberg | 3.6 to 7.6 | Sedimentation/ Siltation |
| Plum Creek into Pond Creek | Muhlenberg | 0.0 to 1.7 | Chloride |
| Plum Creek into Pond Creek | Muhlenberg | 0.0 to 1.7 | Total Dissolved Solids |
| Plum Creek into Pond Creek | Muhlenberg | 1.7 to 3.9 | Fecal Coliform |
| Plum Creek into Pond Creek | Muhlenberg | 1.7 to 3.9 | Sedimentation/Siltation |
| Pond Creek into Green River | Muhlenberg | 4.95 to 7.5 | Chloride |
| Pond Creek into Green River | Muhlenberg | 4.95 to 7.5 | Sedimentation/ Siltation |
| Pond Creek into Green River | Muhlenberg | 4.95 to 7.5 | Total Dissolved Solids |
| Pond Creek into Green River | Muhlenberg | 7.5 to 11.7 | Chloride |
| Pond Creek into Green River | Muhlenberg | 7.5 to 11.7 | Sedimentation/ Siltation |
| Pond Creek into Green River | Muhlenberg | 7.5 to 11.7 | Total Dissolved Solids |
| Pond Creek into Green River | Muhlenberg | 11.7 to 14.4 | Sedimentation/ Siltation |
| Pond Creek into Green River | Muhlenberg | 11.7 to 14.4 | Total Dissolved Solids |
| Pond Creek into Green River | Muhlenberg | 14.4 to 18.1 | Cause Unknown |

TMDLs under Development Prior to 2012

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

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

4.4.1.10 Sputzman Creek

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

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

4.4.1.11 Valley Creek Watershed

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

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

4.4.2 Tradewater River Basin

4.4.2.1 Caney Creek Watershed

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

TMDLs under Development Prior to 2012

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

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

4.4.2.2 Clear Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.4.2.3 Copper Creek

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

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

4.4.2.4 Hurricane Creek

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

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

4.4.3 Ohio River Basin

4.4.3.1 Canoe Creek

| Stream Name | County | River Miles | Pollutant |
|------------------------------------|-----------|-------------|---|
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Chromium (total) |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Copper |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Fecal Coliform |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Nutrient/ Eutrophication Biological Indicators |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Organic Enrichment (Sewage) Biological Indicators |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Sedimentation/ Siltation |
| Canoe Creek into Ohio River | Henderson | 2.4 to 5.0 | Zinc |
| East Fk of Canoe Cr into Canoe Cr. | Henderson | 0.0 to 4.4 | Oxygen, Dissolved |
| East Fk of Canoe Cr into Canoe Cr. | Henderson | 0.0 to 4.4 | Sedimentation/ Siltation |

TMDLs under Development Prior to 2012

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

4.4.3.2 Crooked Creek Watershed

| Stream Name | County | River Miles | Pollutant |
|--------------------------------|------------|--------------|---|
| Crooked Creek into Ohio River | Crittenden | 0.0 to 11.9 | Nutrient/ Eutrophication Biological Indicators |
| Crooked Creek into Ohio River | Crittenden | 11.9 to 26.2 | Fecal Coliform |
| Crooked Creek into Ohio River | Crittenden | 11.9 to 26.2 | Nutrient/ Eutrophication Biological Indicators |
| Crooked Creek into Ohio River | Crittenden | 11.9 to 26.2 | Organic Enrichment (Sewage) Biological Indicators |
| Crooked Creek into Ohio River | Crittenden | 11.9 to 26.2 | Sedimentation/Siltation |
| UT to Rush Creek into Rush Cr. | Crittenden | 0.0 to 1.3 | Nutrient/ Eutrophication Biological Indicators |
| UT to Rush Creek into Rush Cr. | Crittenden | 0.0 to 1.3 | Organic Enrichment (Sewage) Biological Indicators |
| UT to Rush Creek into Rush Cr. | Crittenden | 0.0 to 1.3 | Specific Conductance |

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

4.5 Big Sandy-Little Sandy-Tygarts Basin Unit

4.5.1 Big Sandy River Basin

4.5.1.1 Elkhorn Creek Watershed

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

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

TMDLs under Development Prior to 2012

4.5.1.2 Beaver Creek Watershed

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

TMDLs under Development Prior to 2012

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

TMDLs under Development Prior to 2012

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

TMDLs under Development Prior to 2012

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

TMDLs under Development Prior to 2012

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

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

4.5.2 Little Sandy River Basin

No TMDLs currently under development.

4.5.3 Tygarts Creek Basin

No TMDLs currently under development.

4.6 Ohio River Mainstem

4.6.1 Ohio River Mainstem

| Stream Name | County | River Miles | Pollutant |
|---------------------------|------------------------------|-----------------|----------------|
| Ohio River 319.4 to 317.4 | Boyd | 319.7 to 317.6 | <i>E. coli</i> |
| Ohio River 340.8 to 319.4 | Boyd, Greenup | 341.2 to 319.7 | <i>E. coli</i> |
| Ohio River 377.7 to 356.6 | Greenup, Lewis | 377.7 to 356.8 | <i>E. coli</i> |
| Ohio River 388.0 to 382.2 | Lewis | 388.0 to 382.2 | <i>E. coli</i> |
| Ohio River 465.2 to 464.5 | Campbell | 464.8 to 463.1 | <i>E. coli</i> |
| Ohio River 471.4 to 469.4 | Campbell, Kenton | 470.6 to 469.0 | <i>E. coli</i> |
| Ohio River 475.1 to 471.4 | Kenton | 474.6 to 470.6 | <i>E. coli</i> |
| Ohio River 477.5 to 475.1 | Kenton, Boone | 477.0 to 474.6 | <i>E. coli</i> |
| Ohio River 488.2 to 477.5 | Boone | 487.6 to 477.0 | <i>E. coli</i> |
| Ohio River 595.8 to 593.4 | Jefferson | 594.5 to 592.1 | <i>E. coli</i> |
| Ohio River 605.8 to 603.1 | Jefferson | 604.5 to 601.9 | <i>E. coli</i> |
| Ohio River 608.7 to 605.8 | Jefferson | 607.1 to 604.5 | <i>E. coli</i> |
| Ohio River 614.0 to 608.7 | Jefferson | 611.4 to 607.1 | <i>E. coli</i> |
| Ohio River 676.8 to 614.0 | Jefferson, Hardin, Meade | 674.8 to 611.4 | <i>E. coli</i> |
| Ohio River 720.8 to 676.8 | Meade, Breckinridge, Hancock | 718.1 to 674.8 | <i>E. coli</i> |
| Ohio River 736.7 to 720.8 | Hancock | 733.8 to 718.1 | <i>E. coli</i> |
| Ohio River 756.3 to 736.7 | Hancock, Daviess | 752.9 to 733.8 | <i>E. coli</i> |
| Ohio River 760.6 to 756.3 | Daviess | 757.0 to 752.9 | <i>E. coli</i> |
| Ohio River 776.0 to 760.6 | Daviess, Henderson | 772.3 to 757.0 | <i>E. coli</i> |
| Ohio River 789.3 to 776.0 | Henderson | 785.6 to 772.3 | <i>E. coli</i> |
| Ohio River 793.2 to 792.1 | Henderson | 789.3 to 788.4 | <i>E. coli</i> |
| Ohio River 795.7 to 793.2 | Henderson | 791.9 to 789.3 | <i>E. coli</i> |
| Ohio River 799.8 to 795.7 | Henderson | 794.85 to 791.9 | <i>E. coli</i> |
| Ohio River 802.9 to 799.8 | Henderson | 798.9 to 794.85 | <i>E. coli</i> |
| Ohio River 820.1 to 802.9 | Henderson | 816.2 to 798.4 | <i>E. coli</i> |
| Ohio River 826.4 to 820.1 | Henderson | 822.5 to 816.2 | <i>E. coli</i> |
| Ohio River 846.3 to 826.4 | Henderson, Union | 842.1 to 822.5 | <i>E. coli</i> |
| Ohio River 849.7 to 846.3 | Union | 845.6 to 842.1 | <i>E. coli</i> |
| Ohio River 857.6 to 853.4 | Union | 853.3 to 849.4 | <i>E. coli</i> |

TMDLs under Development Prior to 2012

| Stream Name | County | River Miles | Pollutant |
|---------------------------|---------------|--------------------|------------------|
| Ohio River 872.8 to 862.1 | Union | 868.3 to 857.8 | <i>E. coli</i> |
| Ohio River 882.9 to 878.2 | Crittenden | 877.9 to 873.25 | <i>E. coli</i> |
| Ohio River 910.3 to 894.6 | Livingston | 904.85 to 889.45 | <i>E. coli</i> |
| Ohio River 925.8 to 920.5 | Livingston | 919.9 to 915.0 | <i>E. coli</i> |

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

Chapter 5. Segments Planned for Monitoring During 2012

5.1 Kentucky Basin Unit

5.1.1 Kentucky River Basin

No TMDL monitoring planned for 2012.

5.2 Salt-Licking Basin Unit

5.2.1 Licking River Basin

No TMDL monitoring planned for 2012.

5.2.2 Ohio River Basin

No TMDL monitoring planned for 2012.

5.2.3 Salt River Basin

5.2.3.1 Sulphur Creek

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

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

5.3 Tennessee-Mississippi-Cumberland Basin Unit

5.3.1 Lower Cumberland River Basin

No TMDL monitoring planned for 2012.

5.3.2 Mississippi River Basin

No TMDL monitoring planned for 2012.

5.3.3 Ohio River Basin

No TMDL monitoring planned for 2012.

5.3.4 Tennessee River Basin

No TMDL monitoring planned for 2012.

5.3.5 Upper Cumberland River Basin

No TMDL monitoring planned for 2012.

5.4 Green-Tradewater Basin Unit

5.4.1 Green River Basin

No TMDL monitoring planned for 2012.

TMDL Monitoring Planned for 2012

5.4.2 Ohio River Basin

No TMDL monitoring planned for 2012.

5.4.3 Tradewater River Basin

No TMDL monitoring planned for 2012.

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit

5.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2012.

5.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2012.

5.5.3 Tygarts Creek Basin

No TMDL monitoring planned for 2012.

5.6 Ohio River Mainstem

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

Chapter 6. Segments Planned for Monitoring During 2013

6.1 Kentucky Basin Unit

6.1.1 Kentucky River Basin

No TMDL monitoring in 2013.

6.2 Salt-Licking Basin Unit

6.2.1 Licking River Basin

No TMDL monitoring planned for 2013.

6.2.2 Salt River Basin

6.2.2.1 Sulphur Creek

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

6.3 Tennessee-Mississippi-Cumberland Basin Unit

6.3.1 Lower Cumberland Basin

6.3.1.1 Claylick Creek

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

6.3.2 Mississippi River Basin

No TMDL monitoring planned for 2013.

6.3.3 Tennessee River Basin

No TMDL monitoring planned for 2013.

6.3.4 Upper Cumberland Basin

No TMDL monitoring planned for 2013.

6.4 Green-Tradewater Basin Unit

6.4.1 Green River Basin

No TMDL monitoring planned for 2013.

TMDL Monitoring Planned for 2013

6.4.2 Tradewater River Basin

No TMDL monitoring planned for 2013.

6.4.3 Ohio River Basin

No TMDL monitoring planned for 2013.

6.5 Big Sandy-Little Sandy-Tygarts Basin Unit

6.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2013.

6.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2013.

6.5.3 Ohio River Basin

No TMDL monitoring planned for 2013.

6.5.4 Tygarts Creek Basin

No TMDL monitoring planned for 2013.

TMDLs Planned for Public Notice during 2012

Chapter 7. TMDLs Planned for Public Notice During 2012

| Stream Name | River Miles | County | Pollutant | Quarter |
|------------------------------|----------------|-----------|--------------------------------|---------|
| South Elkhorn Creek | 5.05 to 16.6 | Fayette | Fecal Coliform | 1st |
| South Elkhorn Creek | 16.6 to 34.5 | Woodford | Fecal Coliform | 1st |
| South Elkhorn Creek | 34.5 to 52.7 | Fayette | Fecal Coliform | 1st |
| Steeles Run | 0.0 to 5.1 | Fayette | Fecal Coliform | 1st |
| Town Branch | 0.0 to 9.2 | Fayette | Fecal Coliform | 1st |
| Town Branch | 9.2 to 10.8 | Fayette | Fecal Coliform | 1st |
| Town Branch | 10.8 to 12.1 | Fayette | Fecal Coliform | 1st |
| Wolf Run | 0.0 to 4.4 | Fayette | Fecal Coliform | 1st |
| Cane Run | 0.0 to 3.0 | Scott | Fecal Coliform | 4th |
| Cane Run | 3.0 to 9.6 | Scott | Fecal Coliform | 4th |
| Cane Run | 9.6 to 17.4 | Fayette | Fecal Coliform | 4th |
| UT to Cane Run at RM 6.13 | 0.0 to 3.5 | Scott | Fecal Coliform | 4th |
| UT to Cane Run at RM 10.8 | 0.0 to 2.4 | Scott | Fecal Coliform | 4th |
| UT to Cane Run at RM 12.9 | 0.0 to 2.1 | Scott | Fecal Coliform | 4th |
| Ashers Run | 0.0 to 4.8 | Oldham | Fecal Coliform, <i>E. coli</i> | 4th |
| Cane Run | 0.0 to 7.3 | Jefferson | <i>E. coli</i> | 4th |
| Cedar Creek | 4.3 to 11.1 | Jefferson | Fecal Coliform, <i>E. coli</i> | 4th |
| Chenoweth Run | 0.0 to 5.25 | Jefferson | Fecal Coliform, <i>E. coli</i> | 4th |
| Chenoweth Run | 5.25 to 9.2 | Jefferson | Fecal Coliform, <i>E. coli</i> | 4th |
| Currys Fork | 0.0 to 4.8 | Oldham | <i>E. coli</i> | 4th |
| Floyds Fork | 0.0 to 11.7 | Bullitt | <i>E. coli</i> | 4th |
| Floyds Fork | 11.7 to 24.2 | Jefferson | <i>E. coli</i> | 4th |
| Floyds Fork | 24.2 to 34.1 | Jefferson | <i>E. coli</i> | 4th |
| Floyds Fork | 34.1 to 61.9 | Shelby | Fecal Coliform, <i>E. coli</i> | 4th |
| Long Run | 0.0 to 9.9 | Jefferson | <i>E. coli</i> | 4th |
| North Fork Currys Fork | 0.0 to 6.0 | Oldham | <i>E. coli</i> | 4th |
| Pennsylvania Run | 0.0 to 3.3 | Jefferson | Fecal Coliform, <i>E. coli</i> | 4th |
| Pope Lick Creek | 0.0 to 2.1 | Jefferson | <i>E. coli</i> | 4th |
| Pope Lick Creek | 2.1 to 5.5 | Jefferson | <i>E. coli</i> | 4th |
| Pope Lick Creek | 2.1 to 5.5 | Jefferson | <i>E. coli</i> | 4th |
| South Fork Currys Fork | 0.0 to 6.1 | Oldham | <i>E. coli</i> | 4th |
| South Long Run | 0.0 to 3.35 | Jefferson | <i>E. coli</i> | 4th |
| UT of South Fork Currys Fork | 0.0 to 1.8 | Oldham | <i>E. coli</i> | 4th |
| Little Laurel River | 0.0 to 8.4 | Laurel | <i>E. coli</i> | 3rd |
| Little Laurel River | 8.4 to 12.7 | Laurel | <i>E. coli</i> | 3rd |
| Little Laurel River | 14.8 to 23.0 | Laurel | <i>E. coli</i> | 3rd |
| Laurel River | 26.35 to 33.95 | Laurel | <i>E. coli</i> | 3rd |
| Lick Creek | 0.0 to 3.65 | Laurel | <i>E. coli</i> | 3rd |
| Sallys Branch | 0.0 to 2.9 | Laurel | <i>E. coli</i> | 3rd |
| Sampson Branch | 0.0 to 4.7 | Laurel | <i>E. coli</i> | 3rd |
| UT of Little Laurel River | 0.0 to 1.4 | Laurel | <i>E. coli</i> | 3rd |

TMDLs Planned for Public Notice during 2012

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

TMDLs Planned for Public Notice during 2013

Chapter 8. TMDLs Planned for Public Notice During 2013

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|--------------------|---------------|---|----------------|
| North Elkhorn Creek | 66.0 to 73.75 | Fayette | <i>E. coli</i> | 1st |
| David Fork | 0.0 to 1.65 | Fayette | <i>E. coli</i> | 1st |
| UT to North Elkhorn Creek | 0.0 to 3.5 | Fayette | <i>E. coli</i> | 1st |
| Brush Fork | 0.0 to 4.4 | McLean | pH | 1st |
| Crooked Creek | 0.0 to 3.0 | Daviess | Fecal Coliform | 1st |
| Deserter Creek | 0.0 to 3.1 | Daviess | Fecal Coliform | 1st |
| Knoblick Creek | 0.0 to 2.1 | Daviess | Fecal Coliform | 1st |
| Long Falls | 0.0 to 7.6 | McLean | Fecal Coliform | 1st |
| Long Falls | 7.6 to 11.9 | McLean | Fecal Coliform | 1st |
| Long Falls | 7.6 to 11.9 | McLean | pH | 1st |
| North Fork Panther Creek | 4.2 to 9.1 | Daviess | Fecal Coliform | 1st |
| Panther Creek | 3.0 to 5.9 | Daviess | Fecal Coliform | 1st |
| South Fork Panther Creek | 0.0 to 2.4 | Daviess | Copper | 1st |
| South Fork Panther Creek | 0.0 to 2.4 | Daviess | Fecal Coliform | 1st |
| South Fork Panther Creek | 9.55 to 14.0 | Daviess | Fecal Coliform | 1st |
| South Fork Panther Creek | 14.0 to 18.3 | Daviess | Fecal Coliform | 1st |
| Bayou Creek | 0.0 to 11.4 | McCracken | Copper | 2nd |
| Bayou Creek | 0.0 to 11.4 | McCracken | Lead | 2nd |
| Little Bayou Creek | 0.0 to 7.2 | McCracken | Copper | 2nd |
| Little Bayou Creek | 0.0 to 7.2 | McCracken | Lead | 2nd |
| Brooks Run | 0.0 to 2.7 | Bullitt | Nutrient/ Eutrophication Biological Indicators | 2nd |
| Brooks Run | 0.0 to 2.7 | Bullitt | Organic Enrichment (Sewage) Biological Indicators | 2nd |
| Brooks Run | 2.7 to 4.4 | Bullitt | Nutrient/ Eutrophication Biological Indicators | 2nd |
| Brooks Run | 2.7 to 4.4 | Bullitt | Organic Enrichment (Sewage) Biological Indicators | 2nd |
| Brooks Run | 4.4 to 6.4 | Bullitt | Nutrient/ Eutrophication Biological Indicators | 2nd |
| Brooks Run | 4.4 to 6.4 | Bullitt | Organic Enrichment (Sewage) Biological Indicators | 2nd |
| Floyds Fork | 11.7 to 24.2 | Jefferson | Nutrient/ Eutrophication Biological Indicators | 2nd |
| Floyds Fork | 34.1 to 61.9 | Jefferson | Nutrient/ Eutrophication Biological Indicators | 2nd |
| UT to Brooks Run | 0.0 to 2.0 | Bullitt | Nutrient/ Eutrophication Biological Indicators | 2nd |
| UT to Brooks Run | 0.0 to 2.0 | Bullitt | Organic Enrichment (Sewage) Biological Indicators | 2nd |
| Canoe Creek | 2.4 to 5.0 | Henderson | Fecal Coliform | 2nd |
| Ohio River 319.4 to 317.4 | 319.7 to 317.6 | Boyd | <i>E. coli</i> | 2nd |

TMDLs Planned for Public Notice during 2013

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|-----------------|------------------------------|----------------|---------|
| Ohio River 340.8 to 319.4 | 341.2 to 319.7 | Boyd, Greenup | <i>E. coli</i> | 2nd |
| Ohio River 377.7 to 356.6 | 377.7 to 356.8 | Greenup, Lewis | <i>E. coli</i> | 2nd |
| Ohio River 388.0 to 382.2 | 388.0 to 382.2 | Lewis | <i>E. coli</i> | 2nd |
| Ohio River 465.2 to 464.5 | 464.8 to 463.1 | Campbell | <i>E. coli</i> | 2nd |
| Ohio River 471.4 to 469.4 | 470.6 to 469.0 | Campbell, Kenton | <i>E. coli</i> | 2nd |
| Ohio River 475.1 to 471.4 | 474.6 to 470.6 | Kenton | <i>E. coli</i> | 2nd |
| Ohio River 477.5 to 475.1 | 477.0 to 474.6 | Kenton, Boone | <i>E. coli</i> | 2nd |
| Ohio River 488.2 to 477.5 | 487.6 to 477.0 | Boone | <i>E. coli</i> | 2nd |
| Ohio River 595.8 to 593.4 | 594.5 to 592.1 | Jefferson | <i>E. coli</i> | 2nd |
| Ohio River 605.8 to 603.1 | 604.5 to 601.9 | Jefferson | <i>E. coli</i> | 2nd |
| Ohio River 608.7 to 605.8 | 607.1 to 604.5 | Jefferson | <i>E. coli</i> | 2nd |
| Ohio River 614.0 to 608.7 | 611.4 to 607.1 | Jefferson | <i>E. coli</i> | 2nd |
| Ohio River 676.8 to 614.0 | 674.8 to 611.4 | Jefferson, Hardin, Meade | <i>E. coli</i> | 2nd |
| Ohio River 720.8 to 676.8 | 718.1 to 674.8 | Meade, Breckinridge, Hancock | <i>E. coli</i> | 2nd |
| Ohio River 736.7 to 720.8 | 733.8 to 718.1 | Hancock | <i>E. coli</i> | 2nd |
| Ohio River 756.3 to 736.7 | 752.9 to 733.8 | Hancock, Daviess | <i>E. coli</i> | 2nd |
| Ohio River 760.6 to 756.3 | 757.0 to 752.9 | Daviess | <i>E. coli</i> | 2nd |
| Ohio River 776.0 to 760.6 | 772.3 to 757.0 | Daviess, Henderson | <i>E. coli</i> | 2nd |
| Ohio River 789.3 to 776.0 | 785.6 to 772.3 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 793.2 to 792.1 | 789.3 to 788.4 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 795.7 to 793.2 | 791.9 to 789.3 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 799.8 to 795.7 | 794.85 to 791.9 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 802.9 to 799.8 | 798.9 to 794.85 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 820.1 to 802.9 | 816.2 to 798.4 | Henderson | <i>E. coli</i> | 2nd |
| Ohio River 826.4 to 820.1 | 822.5 to 816.2 | Henderson | <i>E. coli</i> | 2nd |

TMDLs Planned for Public Notice during 2013

| Stream Name | River Miles | County | Pollutant | Quarter |
|---------------------------|------------------|------------------|----------------|---------|
| Ohio River 846.3 to 826.4 | 842.1 to 822.5 | Henderson, Union | <i>E. coli</i> | 2nd |
| Ohio River 849.7 to 846.3 | 845.6 to 842.1 | Union | <i>E. coli</i> | 2nd |
| Ohio River 857.6 to 853.4 | 853.3 to 849.4 | Union | <i>E. coli</i> | 2nd |
| Ohio River 872.8 to 862.1 | 868.3 to 857.8 | Union | <i>E. coli</i> | 2nd |
| Ohio River 882.9 to 878.2 | 877.9 to 873.25 | Crittenden | <i>E. coli</i> | 2nd |
| Ohio River 910.3 to 894.6 | 904.85 to 889.45 | Livingston | <i>E. coli</i> | 2nd |
| Ohio River 925.8 to 920.5 | 919.9 to 915.0 | Livingston | <i>E. coli</i> | 2nd |
| Caney Creek | 0.0 to 8.2 | Hopkins | pH | 3rd |
| Copper Creek | 0.0 to 2.7 | Hopkins | Iron | 3rd |
| Copper Creek | 0.0 to 2.7 | Hopkins | pH | 3rd |
| Copper Creek | 0.0 to 2.7 | Hopkins | Zinc | 3rd |
| Copperas Creek | 0.0 to 3.6 | Hopkins | Cadmium | 3rd |
| Copperas Creek | 0.0 to 3.6 | Hopkins | Iron | 3rd |
| Copperas Creek | 0.0 to 3.6 | Hopkins | pH | 3rd |
| Copperas Creek | 0.0 to 3.6 | Hopkins | Nickel | 3rd |
| Copperas Creek | 0.0 to 3.6 | Hopkins | Zinc | 3rd |
| Fox Run | 0.0 to 1.1 | Hopkins | pH | 3rd |
| Hurricane Creek | 0.0 to 1.8 | Hopkins | Iron | 3rd |
| Hurricane Creek | 0.0 to 1.8 | Hopkins | Zinc | 3rd |
| Hurricane Creek | 0.0 to 1.8 | Hopkins | pH | 3rd |
| UT to Copperas Creek | 0.0 to 0.9 | Hopkins | Cadmium | 3rd |
| UT to Copperas Creek | 0.0 to 0.9 | Hopkins | Iron | 3rd |
| UT to Copperas Creek | 0.0 to 0.9 | Hopkins | pH | 3rd |
| UT to Copperas Creek | 0.0 to 0.9 | Hopkins | Zinc | 3rd |
| UT to Hurricane Creek | 0.0 to 0.2 | Hopkins | Iron | 3rd |
| UT to Hurricane Creek | 0.0 to 0.2 | Hopkins | Zinc | 3rd |
| UT to Hurricane Creek | 0.0 to 0.2 | Hopkins | pH | 3rd |
| Cooper Run | 0.0 to 10.15 | Bourbon | <i>E. coli</i> | 3rd |
| Flat Run | 0.0 to 2.2 | Bourbon | <i>E. coli</i> | 3rd |
| Flat Run | 2.2 to 9.05 | Bourbon | <i>E. coli</i> | 3rd |
| Hoods Creek | 0.0 to 6.3 | Clark | Fecal Coliform | 3rd |
| Houston Creek | 0.0 to 9.0 | Bourbon | Fecal Coliform | 3rd |
| Johnson Creek | 0.0 to 0.9 | Clark | Fecal Coliform | 3rd |
| Kennedy Creek | 0.0 to 5.7 | Bourbon | <i>E. coli</i> | 3rd |
| Little Stoner Creek | 0.0 to 5.3 | Clark | Fecal Coliform | 3rd |
| Stoner Creek | 0.0 to 5.55 | Bourbon | <i>E. coli</i> | 3rd |
| Stoner Creek | 5.55 to 15.0 | Bourbon | <i>E. coli</i> | 3rd |
| Stoner Creek | 17.3 to 30.1 | Bourbon | <i>E. coli</i> | 3rd |
| Stoner Creek | 35.7 to 45.1 | Bourbon | <i>E. coli</i> | 3rd |

TMDLs Planned for Public Notice during 2013

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

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

2012 303(d) List

Chapter 9. The 2012 303(d) List

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

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|---------------|----------------------|-------------|--------|----------|-----|---|--|
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Habitat Modification - Other than Hydromodification |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Arnold Fork 0.0 to 2.6 | 2.6 miles | KY486053_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Inappropriate Waste Disposal |
| Arnold Fork 0.0 to 2.6 | 2.6 miles | KY486053_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Petroleum/Natural Gas Activities |
| Arnold Fork 0.0 to 2.6 | 2.6 miles | KY486053_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Arnold Fork 0.0 to 2.6 | 2.6 miles | KY486053_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Arnolds Creek 0.0 to 10.8 | 10.8 miles | KY486059_00 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Streambank Modifications/ Destabilization |
| Ashers Run 0.0 to 4.8 | 4.8 miles | KY486088_01 | River | Salt/Licking | Salt River | 05140102 | Oldham | 5-NS | PCR | Escherichia coli | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|-------------------|----------------------|-------------|----------|----------|-----|--------------------------|--|
| Ashers Run 0.0 to 4.8 | 4.8 miles | KY486088_01 | River | Salt/Licking | Salt River | 05140102 | Oldham | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Austin Creek 2.6 to 3.6 | 1 miles | KY486150_02 | River | Green/ Tradewater | Green River | 05110003 | Logan | 5-PS | WAH | Cause Unknown | Industrial Point Source Discharge |
| Backs Branch 0.0 to 0.9 | 0.9 miles | KY486191_01 | River | Sandy/ Tygarts | Tygarts Creek | 05090103 | Greenup | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| Bacon Creek 17.2 to 27.1 | 9.9 miles | KY486197_02 | River | Green/ Tradewater | Green River | 05110001 | Hart | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |
| Bailey Run 0.0 to 2.9 | 2.9 miles | KY486229_01 | River | Kentucky | Kentucky River | 05100205 | Anderson | 5-PS | WAH | Sedimentation/ Siltation | Post-development Erosion and Sedimentation; Source Unknown; Unspecified Urban Stormwater |
| Bailey Run 0.0 to 2.9 | 2.9 miles | KY486229_01 | River | Kentucky | Kentucky River | 05100205 | Anderson | 5-PS | WAH | Total Dissolved Solids | Source Unknown; Unspecified Urban Stormwater |
| Balls Fork 8.3 to 11.3 | 3 miles | KY486305_00 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation; Surface Mining |
| Balls Fork 8.3 to 11.3 | 3 miles | KY486305_00 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Bandy Branch 0.0 to 1.4 | 1.4 miles | KY486311_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Non-Point Source |
| Banjo Branch 0.0 to 1.5 | 1.5 miles | KY486313_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source |
| Banklick Creek 0.0 to 3.45 | 3.45 miles | KY486315_01 | River | Salt/Licking | Licking River | 05100101 | Kenton | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges; Unspecified Urban Stormwater |

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

2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|--------------------------|----------------------|-------------|------------|----------|-----|---|---|
| Bat East Creek 0.0 to 3.3 | 3.3 miles | KY486462_01 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Beta Particles and Photon Emitters | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Copper | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Gross Alpha | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Lead | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Mercury | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Bayou Creek 0.0 to 11.4 | 11.4 miles | KY486491_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Sedimentation/ Siltation | Non-irrigated Crop Production |
| Bayou Creek 0.0 to 18.9 | 18.9 miles | KY510435_00 | River | Green/ Tradewater | Ohio River | 05140203 | Livingston | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Bayou Creek 0.0 to 18.9 | 18.9 miles | KY510435_00 | River | Green/ Tradewater | Ohio River | 05140203 | Livingston | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------------|------------|--------------|------------|-----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Bayou Creek 0.0 to 18.9 | 18.9 miles | KY510435_00 | River | Green/ Tradewater | Ohio River | 05140203 | Livingston | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat |
| Bayou de Chien 0.0 to 4.2 | 4.2 miles | KY486489_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Fulton | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Copper | Municipal Point Source Discharges |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Iron | Municipal Point Source Discharges |
| Bayou de Chien 8.8 to 14.3 | 5.5 miles | KY486489_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Lead | Municipal Point Source Discharges |
| Bays Fork of Barren River 6.2 to 15.5 | 9.3 miles | KY486497_01 | River | Green/ Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Bays Fork of Barren River 6.2 to 15.5 | 9.3 miles | KY486497_01 | River | Green/ Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Loss of Riparian Habitat |
| Bays Fork of Barren River 6.2 to 15.5 | 9.3 miles | KY486497_01 | River | Green/ Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Specific Conductance | Municipal Point Source Discharges |
| Beals Run 0.0 to 1.9 | 1.9 miles | KY486507_01 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Beals Run 0.0 to 1.9 | 1.9 miles | KY486507_01 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations) |

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

2012 303(d) List

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

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2012 303(d) List

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

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

2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|----------|----------|---------------|---|--|
| Beaver Creek 17.4 to 17.7 | 0.3 miles | KY510488_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Wayne | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Beaver Creek 17.4 to 17.7 | 0.3 miles | KY510488_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Wayne | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Beaver Creek Lake | 148 acres | KY486624_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140103 | Anderson | 5-PS | FC | (Methly)mercury | Unknown |
| Beaver Creek Lake | 148 acres | KY486624_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140103 | Anderson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Littoral/Shore Area Modifications (Non-riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Beaver Creek Lake | 148 acres | KY486624_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140103 | Anderson | 5-NS | WAH | Oxygen, Dissolved | Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non-riverine); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | PCR; SCR; WAH | pH | Surface Mining |
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Cause Unknown | Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| Becks Creek 0.0 to 4.0 | 4 miles | KY510492_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Beech Creek 4.6 to 19.6 | 15 miles | KY486700_01 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Beech Creek 4.6 to 19.6 | 15 miles | KY486700_01 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Beech Fork 39.5 to 50.4 | 10.9 miles | KY486703_02 | River | Salt/Licking | Salt River | 05140103 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture |
| Beech Fork 39.5 to 50.4 | 10.9 miles | KY486703_02 | River | Salt/Licking | Salt River | 05140103 | Nelson | 5-NS | WAH | Iron | Source Unknown |
| BeeLick Creek 7.5 to 10.9 | 3.4 miles | KY486678_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Lincoln | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| BeeLick Creek 7.5 to 10.9 | 3.4 miles | KY486678_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Lincoln | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |
| Bell Ditch 0.0 to 2.8 | 2.8 miles | KY486792_01 | River | Green/Tradewater | Ohio River | 05140201 | Daviess | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| Bell Ditch 0.0 to 2.8 | 2.8 miles | KY486792_01 | River | Green/Tradewater | Ohio River | 05140201 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 | 3.2 miles | KY486865_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Source Unknown |
| Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 | 3.2 miles | KY486865_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Total Suspended Solids (TSS) | Source Unknown |
| Bens Fork 0.0 to 2.2 | 2.2 miles | KY486872_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Specific Conductance | Coal Mining |
| Bens Fork 0.0 to 2.2 | 2.2 miles | KY486872_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Total Dissolved Solids | Coal Mining |
| Benson Creek 0.0 to 4.6 | 4.6 miles | KY486877_01 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|------------|--------------|------------|------------------|----------------------|-------------|----------|----------|-----|---|--|
| Big Creek 10.6 to 15.1 | 4.5 miles | KY487161_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Surface Mining |
| Big Creek 3.9 to 9.2 | 5.3 miles | KY487159_01 | River | Green/Tradewater | Green River | 05110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Coal Mining; Loss of Riparian Habitat; Non-Point Source |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Surface Mining |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Specific Conductance | Channelization; Coal Mining; Loss of Riparian Habitat |
| Big Creek 7.3 to 10.6 | 3.3 miles | KY487161_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Surface Mining |
| Big Half Mountain Creek 0.0 to 4.0 | 4 miles | KY487182_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|---------------|---|--|
| Big Half Mountain Creek 0.0 to 4.0 | 4 miles | KY487182_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Specific Conductance | Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers |
| Big Indian Creek 0.0 to 5.6 | 5.6 miles | KY487197_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment) |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Magoffin | 5-PS | PCR; SCR; WAH | pH | Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Magoffin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Magoffin | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Big Mine Creek 1.4 to 3.9 | 2.5 miles | KY487221_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining |
| Big Mine Creek 5.8 to 8.4 | 2.6 miles | KY487221_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| Big Pitman Creek 27.5 to 32.6 | 5.1 miles | KY487227_04 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|-------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Big Pitman Creek 27.5 to 32.6 | 5.1 miles | KY487227_04 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Big Reedy Creek 7.8 to 12.5 | 4.7 miles | KY487231_01 | River | Green/Tradewater | Green River | 05110001 | Edmonson | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification |
| Big Renox Creek 0.0 to 5.8 | 5.8 miles | KY487232_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-PS | WAH | Cause Unknown | Source Unknown |
| Big Sandy River 0.0 to 27.1 | 27.1 miles | KY487249_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Habitat Modification - Other than Hydromodification |
| Big South Fork 2.1 to 4.1 | 2 miles | KY487259_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Big South Fork 2.1 to 4.1 | 2 miles | KY487259_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities; Site Clearance (Land Development or Redevelopment) |
| Big South Fork 0.0 to 12.65 | 12.65 miles | KY487258_01 | River | Salt/Licking | Salt River | 05140103 | Marion | 5-PS | PCR | Fecal Coliform | Agriculture; Package Plant or Other Permitted Small Flows Discharges |
| Big Sugar Creek 0.7 to 2.0 | 1.3 miles | KY487280_01 | River | Salt/Licking | Ohio River | 05090203 | Gallatin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|--------------|----------------------|-------------|----------|----------|-----|---|---|
| Big Sugar Creek 0.7 to 2.0 | 1.3 miles | KY487280_01 | River | Salt/Licking | Ohio River | 05090203 | Gallatin | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Big Sugar Creek 0.7 to 2.0 | 1.3 miles | KY487280_01 | River | Salt/Licking | Ohio River | 05090203 | Gallatin | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment) |
| Big Twin Creek 0.0 to 3.8 | 3.8 miles | KY487286_00 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Big Willard Creek 0.0 to 4.5 | 4.5 miles | KY510708_00 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Big Willard Creek 0.0 to 4.5 | 4.5 miles | KY510708_00 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining |
| Big Willard Creek 0.0 to 4.5 | 4.5 miles | KY510708_00 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|------------------|----------------------|-------------|--------|----------|-----|---|---|
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Bill D Branch 0.0 to 1.1 | 1.1 miles | KY487299_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Bill D Branch 1.1 to 2.9 | 1.8 miles | KY487299_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Bill D Branch 1.1 to 2.9 | 1.8 miles | KY487299_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Cause Unknown | Source Unknown |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture Grazing; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers |
| Bishop Ditch 0.0 to 2.7 | 2.7 miles | KY487347_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining |
| Bishop Ditch 0.0 to 2.7 | 2.7 miles | KY487347_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Sedimentation/Siltation | Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining |
| Bishop Ditch 0.0 to 2.7 | 2.7 miles | KY487347_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Turbidity | Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining |
| Black John Branch 0.0 to 0.4 | 0.4 miles | KY487369_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Selenium | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Black John Branch 0.0 to 0.4 | 0.4 miles | KY487369_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Black John Branch 0.0 to 0.4 | 0.4 miles | KY487369_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Black Snake Branch 1.6 to 2.9 | 1.3 miles | KY487389_01 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| Blackford Creek 0.0 to 3.8 | 3.8 miles | KY487412_01 | River | Green/Tradewater | Ohio River | 05140201 | Hancock | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Blackford Creek 3.8 to 8.1 | 4.3 miles | KY487412_02 | River | Green/Tradewater | Ohio River | 05140201 | Hancock | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|----------------|----------------------|-------------|----------|----------|-----|--|---|
| Blacks Creek 0.0 to 5.7 | 5.7 miles | KY487421_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Non-Point Source; Unrestricted Cattle Access |
| Blacks Creek 0.0 to 5.7 | 5.7 miles | KY487421_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |
| Blacks Creek 0.0 to 5.7 | 5.7 miles | KY487421_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Sedimentation/ Siltation | Livestock (Grazing or Feeding Operations) |
| Blackwater Creek 3.9 to 11.8 | 7.9 miles | KY510765_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | PCR | Escherichia coli | Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges |
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|--------------|--------------|------------|-------------------|----------------------|-------------|----------|----------|---------------------|---|--|
| Blaine Creek 35.0 to 39.8 | 4.8 miles | KY487428_02 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Total Suspended Solids (TSS) | Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | PCR; SCR; WAH | pH | Surface Mining |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat |
| Blaine Creek 40.9 to 45.3 | 4.4 miles | KY487428_03 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Loss of Riparian Habitat; Surface Mining |
| Blaine Creek 8.2 to 17.6 | 9.4 miles | KY487428_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Loss of Riparian Habitat; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Blaine Creek 8.2 to 17.6 | 9.4 miles | KY487428_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Blaine Creek 8.2 to 17.6 | 9.4 miles | KY487428_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Total Suspended Solids (TSS) | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization |
| Blair Branch 0.0 to 0.7 | 0.7 miles | KY487435_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Blair Branch 0.0 to 0.7 | 0.7 miles | KY487435_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Blair Branch 0.0 to 0.7 | 0.7 miles | KY487435_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Blizzard Ponds Drainage Canal 0.0 to 3.7 | 3.7 miles | KY487484_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas); Sand/Gravel/Rock Mining or Quarries |
| Blizzard Ponds Drainage Canal 0.0 to 3.7 | 3.7 miles | KY487484_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries |
| Blue Spring Ditch 0.0 to 2.1 | 2.1 miles | KY504133_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|---------|----------|---------------|---|---|
| Board Branch 0.5 to 1.8 | 1.3 miles | KY487572_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | PCR; SCR; WAH | pH | Impacts from Abandoned Mine Lands (Inactive) |
| Boltz Lake | 92 acres | KY487648_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Unspecified Urban Stormwater |
| Boltz Lake | 92 acres | KY487648_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Unspecified Urban Stormwater |
| Boone Creek 0.0 to 5.2 | 5.2 miles | KY487686_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| Boone Creek 0.0 to 5.2 | 5.2 miles | KY487686_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Boone Creek 0.0 to 5.2 | 5.2 miles | KY487686_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations) |
| Boone Creek 7.4 to 12.6 | 5.2 miles | KY487688_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Boone Creek 7.4 to 12.6 | 5.2 miles | KY487688_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Boone Creek 5.2 to 9.1 | 3.9 miles | KY487686_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access |
| Boone Creek 5.2 to 9.1 | 3.9 miles | KY487686_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| Bowen Creek 0.0 to 1.6 | 1.6 miles | KY510866_01 | River | Kentucky | Kentucky River | 05100203 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |
| Bracken Creek 2.8 to 11.0 | 8.2 miles | KY487783_01 | River | Salt/Licking | Ohio River | 05090201 | Bracken | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |
| Brashears Creek 0.0 to 13.0 | 13 miles | KY487840_01 | River | Salt/Licking | Salt River | 05140102 | Spencer | 5-PS | PCR | Escherichia coli | Agriculture; Non-Point Source |
| Breeding Creek 0.9 to 4.2 | 3.3 miles | KY487857_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Breeding Branch 0.9 to 4.2 | 3.3 miles | KY487857_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Breeding Creek 0.9 to 4.2 | 3.3 miles | KY487857_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Briary Creek 0.0 to 4.4 | 4.4 miles | KY487880_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Dredge Mining; Non-irrigated Crop Production; Other Recreational Pollution Sources |
| Briary Branch 0.2 to 2.2 | 2 miles | KY487905_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas) |
| Broadtree Fork 0.0 to 1.6 | 1.6 miles | KY487936_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|--------------|----------------------|-------------|----------|----------|-----|---|---|
| Broke Leg Creek 0.0 to 1.0 | 1 miles | KY510936_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Broke Leg Creek 1.0 to 4.4 | 3.4 miles | KY510936_02 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source |
| Brooks Run 0.0 to 2.7 | 2.5 miles | KY487968_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 0.0 to 2.7 | 2.5 miles | KY487968_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 2.7 to 4.4 | 1.6 miles | KY487968_02 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 2.7 to 4.4 | 1.6 miles | KY487968_02 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Brooks Run 4.4 to 6.4 | 2 miles | KY487968_03 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges |
| Brooks Run 4.4 to 6.4 | 2 miles | KY487968_03 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges |
| Brush Creek 0.0 to 2.35 | 2.35 miles | KY488069_01 | River | Salt/Licking | Ohio River | 05090201 | Campbell | 5-NS | PCR | Escherichia coli | Non-Point Source |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|---------------|-------------------------|---|
| Brush Creek 0.0 to 3.5 | 3.5 miles | KY488072_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Brush Creek 0.0 to 3.5 | 3.5 miles | KY488072_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Brush Creek 0.0 to 6.1 | 6.1 miles | KY488076_01 | River | Green/Tradewater | Green River | 05110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles; Streambank Modifications/ Destabilization |
| Brush Creek 0.0 to 6.3 | 6.3 miles | KY488071_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Brush Creek 0.0 to 6.3 | 6.3 miles | KY488071_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Total Dissolved Solids | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Brush Creek 0.0 to 6.6 | 6.6 miles | KY510969_00 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Brush Creek 0.0 to 8.4 | 8.4 miles | KY488070_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Dredging (e.g., for Navigation Channels) |
| Brush Fork 0.0 to 4.4 | 4.4 miles | KY488089_00 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-NS | PCR; SCR; WAH | pH | Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------|------------|--------------|------------|-------------------|----------------------|-------------|--------|----------|-----|---|--|
| Brush Fork 0.0 to 4.4 | 4.4 miles | KY488089_00 | River | Green/ Tradewater | Green River | 05110005 | McLean | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining |
| Brushy Fork 0.0 to 10.0 | 10 miles | KY488137_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source |
| Brushy Fork 0.0 to 10.0 | 10 miles | KY488137_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining |
| Brushy Fork 0.0 to 10.0 | 10 miles | KY488137_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Total Dissolved Solids | Coal Mining |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Iron | Coal Mining |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/ Siltation | Coal Mining; Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213_00 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-NS | PCR | Fecal Coliform | Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213_00 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |
| Buck Creek 0.0 to 8.0 | 8 miles | KY488213_00 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Buck Creek 2.0 to 8.1 | 6.1 miles | KY488210_01 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Buck Creek 45.6 to 53.0 | 7.4 miles | KY511000_06 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | FC | Methylmercury | Source Unknown |
| Buck Fork 12.9 to 19.3 | 6.4 miles | KY488223_02 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Buck Fork 12.9 to 19.3 | 6.4 miles | KY488223_02 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Buck Fork 0.0 to 5.8 | 5.8 miles | KY488223_01 | River | Green/Tradewater | Green River | 05110006 | Todd | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Buckhorn Creek 2.4 to 6.8 | 4.4 miles | KY488268_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive) |
| Buckhorn Creek 2.4 to 6.8 | 4.4 miles | KY488268_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive) |
| Buckhorn Creek 0.0 to 2.4 | 2.4 miles | KY488268_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | PCR | Fecal Coliform | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|----------|----------|-----|---|--|
| Buffalo Creek 0.0 to 1.8 | 1.8 miles | KY488317_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Buffalo Creek 0.0 to 6.8 | 6.8 miles | KY488316_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Buffalo Creek 0.0 to 6.8 | 6.8 miles | KY488316_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Total Dissolved Solids | Source Unknown |
| Buffalo Creek 0.0 to 2.85 | 2.85 miles | KY488315_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source |
| Bull Creek 0.0 to 1.0 | 1 miles | KY488350_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Channelization; Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production |
| Bull Creek 0.0 to 2.0 | 2 miles | KY511048_00 | River | Kentucky | Kentucky River | 05100203 | Knox | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Bull Run 0.0 to 3.7 | 3.7 miles | KY488359_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Channelization; Legacy Coal Extraction; Loss of Riparian Habitat |
| Bullitt Lick Creek 0.0 to 2.3 | 2.3 miles | KY488374_00 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment) |
| Bullitt Lick Creek 0.0 to 2.3 | 2.3 miles | KY488374_00 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Turbidity | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment) |
| Bullock Pen Lake | 134 acres | KY488380_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|-----------------------|-------------------|----------------------|-------------|----------|----------|-----|--------------------------|---|
| Bullock Pen Lake | 134 acres | KY488380_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Bullskin Creek 14.4 to 22.4 | 8 miles | KY488381_02 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Cause Unknown | Source Unknown |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nitrogen (Total) | Irrigated Crop Production; Non-irrigated Crop Production |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |
| Burnett Fork 0.0 to 1.3 | 1.3 miles | KY488447_00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/ Destabilization |
| Burning Fork 0.0 to 3.3 | 3.3 miles | KY488450_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Burning Fork 0.0 to 3.3 | 3.3 miles | KY488450_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers |
| Burning Fork 3.3 to 7.9 | 4.6 miles | KY488450_02 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Cause Unknown | Source Unknown |
| Burning Fork 3.3 to 7.9 | 4.6 miles | KY488450_02 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/ Siltation | Channelization, Coal Mining, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers |
| Butler Fork 2.5 to 4.4 | 1.9 miles | KY488519_00 | River | Green/ Tradewater | Green River | 05110001 | Adair | 5-NS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|--|
| Cabin Creek 3.6 to 11.3 | 7.7 miles | KY488566_00 | River | Salt/Licking | Ohio River | 05090201 | Mason | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Caddle Creek 0.00 to 2.00 | 2 miles | KY488575_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Cause Unknown | Agriculture |
| Caldwell Creek 0.0 to 3.0 | 3 miles | KY488592_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010202 | Graves | 5-NS | WAH | Sedimentation/Siltation | Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Iron | Coal Mining; Petroleum/Natural Gas Activities |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Calhoun Creek 0.0 to 2.8 | 2.8 miles | KY488609_01 | River | Green/Tradewater | Green River | 05110001 | Casey | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing |
| Calhoun Creek 0.0 to 2.8 | 2.8 miles | KY488609_01 | River | Green/Tradewater | Green River | 05110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing |
| Camp Creek 0.0 to 5.4 | 5.4 miles | KY488685_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Camp Creek 0.0 to 5.4 | 5.4 miles | KY488685_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Other | Source Unknown |
| Campbellsville City Reservoir | 63 acres | KY2742651_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | SCR | Sedimentation/Siltation | Natural Sources; Upstream Source |
| Cane Creek 0.0 to 4.1 | 4.1 miles | KY488773_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Cause Unknown | Source Unknown |
| Cane Creek 0.0 to 5.3 | 5.3 miles | KY488768_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat; Non-irrigated Crop Production |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Cane Creek 0.0 to 5.3 | 5.3 miles | KY488768_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |
| Cane Creek 0.3 to 4.1 | 3.8 miles | KY488772_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY511184_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Oxygen, Dissolved | Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY511184_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY488771_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Cane Creek 0.0 to 4.4 | 4.4 miles | KY488771_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production |
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------|------------|--------------|------------|------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | SCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater |
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater |
| Cane Run 0.0 to 3.0 | 3 miles | KY488799_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown |
| Cane Run 0.0 to 3.7 | 3.7 miles | KY488791_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown |
| Cane Run 0.0 to 7.3 | 7.3 miles | KY488794_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------|------------|--------------|------------|-----------|----------------------|-------------|---------|----------|-----|---|---|
| Cane Run 3.0 to 9.6 | 6.6 miles | KY488799_02 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges |
| Cane Run 3.0 to 9.6 | 6.6 miles | KY488799_02 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges |
| Cane Run 3.0 to 9.6 | 6.6 miles | KY488799_02 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | 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 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Specific Conductance | Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations) |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | SCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| Cane Run 9.6 to 17.4 | 7.8 miles | KY488799_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|--------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|---------------------|---|---|
| Caney Creek 0.0 to 1.5 | 1.5 miles | KY488843_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Loss of Riparian Habitat; Managed Pasture Grazing |
| Caney Creek 0.0 to 1.5 | 1.5 miles | KY488843_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat; Managed Pasture Grazing |
| Caney Creek 0.0 to 1.5 | 1.5 miles | KY488843_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Loss of Riparian Habitat; Managed Pasture Grazing |
| Caney Creek 0.0 to 3.3 | 3.3 miles | KY488830_00 | River | Green/ Tradewater | Tradewater | 05140205 | Caldwell | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Non-irrigated Crop Production; Source Unknown |
| Caney Creek 0.0 to 3.3 | 3.3 miles | KY488830_00 | River | Green/ Tradewater | Tradewater | 05140205 | Caldwell | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown |
| Caney Creek 0.0 to 4.2 | 4.2 miles | KY511201_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/ Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Caney Creek 0.0 to 4.2 | 4.2 miles | KY511201_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Acid Mine Drainage; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|--------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Sedimentation/ Siltation | Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Acid Mine Drainage; Surface Mining |
| Caney Creek 0.0 to 8.2 | 8.2 miles | KY488837_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Acid Mine Drainage; Surface Mining |
| Caney Creek 0.0 to 3.6 | 3.6 miles | KY488838_01 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Post- development Erosion and Sedimentation |
| Caney Creek 0.0 to 3.6 | 3.6 miles | KY488838_01 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted) |
| Caney Creek 1.4 to 5.3 | 3.9 miles | KY488828_01 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Caney Creek 3.6 to 7.6 | 4 miles | KY488838_02 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Agriculture |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities |
| Caney Fork 3.4 to 7.9 | 4.5 miles | KY488863_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Caney Fork 3.4 to 7.9 | 4.5 miles | KY488863_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Caney Fork 0.0 to 4.0 | 4 miles | KY488864_01 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Caney Fork 0.0 to 4.0 | 4 miles | KY488864_01 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Caney Fork 7.5 to 11.3 | 3.8 miles | KY488862_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Caney Fork 7.5 to 11.3 | 3.8 miles | KY488862_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Caneyville City Reservoir | 75 acres | KY488877_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110004 | Grayson | 5-PS | DWS | Nutrient/Eutrophication Biological Indicators | Natural Sources |
| Caneyville City Reservoir | 75 acres | KY488877_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110004 | Grayson | 5-PS | SCR | Nutrient/Eutrophication Biological Indicators | Shallow Lake/Reservoir Basin |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Caneyville City Reservoir | 75 acres | KY488877_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110004 | Grayson | 5-PS | SCR | Sedimentation/Siltation | Shallow Lake/Reservoir Basin |
| Cannon Creek 0.0 to 1.8 | 1.8 miles | KY488885_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Chromium (total) | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Copper | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges |
| Canoe Creek 2.4 to 5.0 | 2.6 miles | KY488897_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Zinc | Source Unknown |
| Carpenter Lake | 64 acres | KY488966_00 | Fresh-water Reservoir | Green/Tradewater | Ohio River | 05140201 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Upstream Source |
| Carpenter Lake | 64 acres | KY488966_00 | Fresh-water Reservoir | Green/Tradewater | Ohio River | 05140201 | Daviess | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Upstream Source |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|------------|----------|-----|------------------------------|--|
| Carr Fork 6.2 to 8.9 | 2.7 miles | KY511230-02 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Carr Fork 6.2 to 8.9 | 2.7 miles | KY511230-02 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | WAH | Specific Conductance | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Carr Fork 15.6 to 26.4 | 10.8 miles | KY511230_03 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | WAH | Total Suspended Solids (TSS) | Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining |
| Carr Fork Reservoir | 710 acres | KY488975_00 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Cartwright Creek 0.0 to 6.6 | 6.6 miles | KY489030_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-NS | PCR | Fecal Coliform | Agriculture |
| Cartwright Creek 12.7 to 15.3 | 2.6 miles | KY489030_03 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |
| Casey Creek 0.6 to 9.7 | 9.1 miles | KY489044_00 | River | Green/Tradewater | Ohio River | 05140202 | Union | 5-NS | WAH | Total Dissolved Solids | Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted) |
| Casey Creek 0.0 to 3.6 | 3.6 miles | KY489043_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Sources Outside State Jurisdiction or Borders |
| Cash Creek 0.0 to 5.8 | 5.8 miles | KY489056_01 | River | Green/Tradewater | Green River | 05110005 | Henderson | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Caskey Fork 0.0 to 2.3 | 2.3 miles | KY489059_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Cause Unknown | Source Unknown |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489074_00 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489074_00 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489074_00 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Total Dissolved Solids | Managed Pasture Grazing |
| Castleberry Creek 0.0 to 2.1 | 2.1 miles | KY489074_00 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Turbidity | Loss of Riparian Habitat; Managed Pasture Grazing |
| Cat Creek 0.0 to 8.0 | 8 miles | KY511245_01 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Catron Creek 0.0 to 8.9 | 8.9 miles | KY489099_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Specific Conductance | Coal Mining; Non-Point Source |
| Cave Run Lake | 8270 acres | KY511277_00 | Fresh-water Reservoir | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | FC | Methylmercury | Source Unknown |
| Cedar Creek 0.0 to 9.4 | 9.4 miles | KY489184_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones |
| Cedar Creek 0.0 to 9.4 | 9.4 miles | KY489184_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Silviculture Activities |
| Cedar Creek 12.0 to 16.1 | 4.1 miles | KY489183_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Cause Unknown | Source Unknown |
| Cedar Creek 4.3 to 11.1 | 6.8 miles | KY489183_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Cedar Creek 4.3 to 11.1 | 6.8 miles | KY489183_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Cedar Creek Lake | 784 acres | KYCLN211_00 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Lincoln | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Chambers Fork 0.7 to 1.1 | 0.4 miles | KY489323_01 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| Champion Creek 0.0 to 1.5 | 1.5 miles | KY489324_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Cause Unknown | Site Clearance (Land Development or Redevelopment) |
| Chaplin River 0.0 to 23.1 | 23.1 miles | KY489350_01 | River | Salt/Licking | Salt River | 05140103 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture |
| Chaplin River 63.0 to 69.7 | 6.7 miles | KY489350_04 | River | Salt/Licking | Salt River | 05140103 | Mercer | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cheese Lick 0.7 to 4.4 | 3.7 miles | KY489380_01 | River | Salt/Licking | Salt River | 05140103 | Anderson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones |
| Cheese Lick 0.7 to 4.4 | 3.7 miles | KY489380_01 | River | Salt/Licking | Salt River | 05140103 | Anderson | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Chenoweth Run 0.0 to 5.25 | 5.25 miles | KY489391_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Chenoweth Run 0.0 to 5.25 | 5.25 miles | KY489391_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|-------------------|---|
| Chenoweth Run 0.0 to 5.25 | 5.25 miles | KY489391_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | SCR | Fecal Coliform | Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Chenoweth Run 5.25 to 9.2 | 3.95 miles | KY489391_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Grazing in Riparian or Shoreline Zones; Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Chenoweth Run 5.25 to 9.2 | 3.95 miles | KY489391_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Chenoweth Run 5.25 to 9.2 | 3.95 miles | KY489391_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | SCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Chestnut Creek 0.0 to 3.0 | 3 miles | KY489424_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| Chestnut Creek 0.0 to 3.0 | 3 miles | KY489424_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Other | Source Unknown |
| Chestnut Creek 0.0 to 3.0 | 3 miles | KY489424_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| Chickasaw Park Pond | 1.5 acres | KYDOW015_00 | Pond | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | FC | Methylmercury | Source Unknown |
| Christy Creek 0.0 to 4.3 | 4.3 miles | KY511363_00 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Cause Unknown | Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|--------------|--------------|------------|--------------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Christy Creek 0.0 to 4.3 | 4.3 miles | KY511363_00 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Sedimentation/ Siltation | Non-irrigated Crop Production |
| Clanton Creek 0.0 to 4.9 | 4.9 miles | KY489524_00 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | Ballard | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production |
| Clanton Creek 0.0 to 4.9 | 4.9 miles | KY489524_00 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | Ballard | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production |
| Clarks River 13.1 to 20.5 | 7.4 miles | KY489552_02 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Iron | Source Unknown |
| Clarks River 13.1 to 20.5 | 7.4 miles | KY489552_02 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Lead | Source Unknown |
| Clarks River 4.9 to 13.1 | 8.2 miles | KY489552_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Clarks River 51.8 to 55.1 | 3.3 miles | KY489552_07 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | PCR | Escherichia coli | Source Unknown |
| Clarks River 55.6 to 64.7 | 9.1 miles | KY489552_08 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Cause Unknown | Source Unknown |
| Clarks River 34.8 to 42.6 | 7.8 miles | KY489552_05 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization |
| Clarks River 34.8 to 42.6 | 7.8 miles | KY489552_05 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Phosphorus (Total) | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|--------------|-----------------|------------|--------------------------|----------------------|-------------|----------|----------|-----|---|--|
| Clarks River 34.8 to 42.6 | 7.8 miles | KY489552_ 05 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization |
| Clarks River 64.7 to 66.8 | 2.1 miles | KY489552_ 09 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture |
| Clarks River 64.7 to 66.8 | 2.1 miles | KY489552_ 09 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Sedimentation/ Siltation | Agriculture |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_ 01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Ammonia (Un- ionized) | Municipal Point Source Discharges; Source Unknown; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_ 01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_ 01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Clarks Run 0.7 to 4.4 | 3.7 miles | KY489554_ 01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Sedimentation/ Siltation | Municipal Point Source Discharges; Streambank Modifications/ Destabilization |
| Clarks Run 0.0 to 2.1 | 2.1 miles | KY489555_ 01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Clarks Run 6.7 to 14.3 | 7.6 miles | KY489554_ 03 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|-----------------------|----------------------|-------------|------------|----------|-----|--|--|
| Clarks Run 6.7 to 14.3 | 7.6 miles | KY489554_03 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Sedimentation/Siltation | Streambank Modifications/ Destabilization |
| Clary Branch 0.0 to 1.9 | 1.9 miles | KY489562_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/ Parkland |
| Clay Lick Creek 4.1 to 5.3 | 1.2 miles | KY489582_00 | River | Green/ Tradewater | Green River | 05110001 | Metcalfe | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing |
| Clay Lick Creek 4.1 to 5.3 | 1.2 miles | KY489582_00 | River | Green/ Tradewater | Green River | 05110001 | Metcalfe | 5-PS | WAH | Sedimentation/Siltation | Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing |
| Claylick Creek 4.8 to 10.7 | 5.9 miles | KY489591_02 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Crittenden | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production |
| Claylick Creek 4.8 to 10.7 | 5.9 miles | KY489591_02 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Crittenden | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production |
| Claylick Creek 10.7 to 13.9 | 3.2 miles | KY489591_03 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Crittenden | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|-----------------------|----------------------|-------------|----------|----------|-----|---|--|
| Claylick Creek 2.4 to 3.4 | 1 miles | KY489590_00 | River | Green/ Tradewater | Green River | 05110001 | Warren | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Habitat Modification - Other than Hydromodification |
| Clayton Creek 0.75 to 3.3 | 2.55 miles | KY489601_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Cause Unknown | Source Unknown |
| Clayton Creek 0.75 to 3.3 | 2.55 miles | KY489601_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Phosphorus (Total) | Agriculture |
| Clayton Creek 3.3 to 7.7 | 4.4 miles | KY489601_02 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Rural (Residential Areas) |
| Clayton Creek 3.3 to 7.7 | 4.4 miles | KY489601_02 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Loss of Riparian Habitat |
| Clear Creek 0 to 4.4 | 4.4 miles | KY489613_00 | River | Salt/Licking | Salt River | 05140103 | Hardin | 5-NS | WAH | Cause Unknown | Source Unknown |
| Clear Creek 0.0 to 11.0 | 11 miles | KY489615_00 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers |
| Clear Creek 0.0 to 11.0 | 11 miles | KY489615_00 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| Clear Creek 0.0 to 11.0 | 11 miles | KY489615_00 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|--|
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Petroleum/Natural Gas Activities |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Clear Creek 0.0 to 4.9 | 4.9 miles | KY489611_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Cause Unknown | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Clear Creek 0.0 to 7.5 | 7.5 miles | KY489610_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Clear Creek 0.7 to 3.1 | 2.4 miles | KY489617_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040005 | Marshall | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Clear Creek 0.7 to 3.1 | 2.4 miles | KY489617_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040005 | Marshall | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------------|----------|-----|---|--|
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Clear Creek 19.4 to 26.2 | 6.8 miles | KY489610_02 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization; Surface Mining |
| Clear Creek 26.2 to 26.5 | 0.3 miles | KY489610_03 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |
| Clear Fork 17.0 to 19.4 | 2.4 miles | KY511399_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Surface Mining |
| Clear Fork 17.0 to 19.4 | 2.4 miles | KY511399_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Specific Conductance | Loss of Riparian Habitat; Surface Mining |
| Clover Creek 7.4 to 10.3 | 2.9 miles | KY489703_00 | River | Green/Tradewater | Ohio River | 05140201 | Breckinridge | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations) |
| Clover Fork 28.2 to 28.9 | 0.7 miles | KY511423_05 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Coal Mining |
| Clover Fork 28.9 to 33.8 | 4.9 miles | KY511423_06 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Source Unknown; Surface Mining |
| Clover Fork 9.2 to 15.5 | 6.3 miles | KY511423_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Source Unknown; Surface Mining |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Sewage Discharges in Unsewered Areas; Surface Mining |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Sewage Discharges in Unsewered Areas; Surface Mining |
| Clover Fork 15.5 to 18.2 | 2.7 miles | KY511423_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities; Surface Mining |

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

2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|-------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|---------------|---|--|
| Colliers Creek 0.0 to 4.1 | 4.1 miles | KY485675_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Specific Conductance | Coal Mining |
| Colliers Creek 0.0 to 4.1 | 4.1 miles | KY485675_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Collins Fork 2.4 to 6.3 | 3.9 miles | KY511474_00 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Cooper Run 0.0 to 10.15 | 10.15 miles | KY490062_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| Cooper Run 0.0 to 10.15 | 10.15 miles | KY490062_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations) |
| Cope Fork 0.0 to 1.9 | 1.9 miles | KY490072_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining |
| Cope Fork 0.0 to 1.9 | 1.9 miles | KY490072_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |
| Copper Creek 0.0 to 2.7 | 2.7 miles | KY490078_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Coal Mining |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|--------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|---|
| Cox Creek 11.4 to 18.6 | 7.2 miles | KY490220_03 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access |
| Cox Creek 11.4 to 18.6 | 7.2 miles | KY490220_03 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |
| Cox Creek 0.0 to 4.7 | 4.7 miles | KY490220_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | Non-Point Source |
| Cox Creek 18.6 to 23.9 | 5.3 miles | KY490220_04 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers |
| Cox Creek 18.6 to 23.9 | 5.3 miles | KY490220_04 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source |
| Cox Creek 4.7 to 11.4 | 6.7 miles | KY490220_02 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access |
| Cox Run 0.0 to 3.4 | 3.4 miles | KY490231_00 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Cox Run 0.0 to 3.4 | 3.4 miles | KY490231_00 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Crab Creek 0.0 to 4.8 | 4.8 miles | KY490240_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Grazing in Riparian or Shoreline Zones |
| Crab Creek 0.0 to 4.8 | 4.8 miles | KY490240_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Grazing in Riparian or Shoreline Zones |
| Craborchard Creek 0.0 to 3.4 | 3.4 miles | KY490247_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Cause Unknown | Agriculture |
| Craborchard Creek 0.0 to 3.4 | 3.4 miles | KY490247_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Craborchard Creek 0.0 to 3.4 | 3.4 miles | KY490247_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7 | 14.7 miles | KY490248_01 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Craborchard Creek 19.2 to 21.3 | 2.1 miles | KY490248_02 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Craborchard Creek 19.2 to 21.3 | 2.1 miles | KY490248_02 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Craig Creek 5.8 to 6.8 | 1 miles | KY511617_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-PS | WAH | Sedimentation/Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/ Destabilization |
| Craintown Branch 0.0 to 3.6 | 3.6 miles | KY490277_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|---------------------|---|--|
| Crane Creek 0.0 to 2.9 | 2.9 miles | KY511622_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization |
| Crane Creek 0.0 to 5.4 | 5.4 miles | KY511620_01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Crane Creek 1.4 to 2.0 | 0.6 miles | KY490282_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Cause Unknown | Impacts from Abandoned Mine Lands (Inactive) |
| Cranks Creek 1.6 to 2.4 | 0.8 miles | KY490293_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Crocus Creek 14.0 to 17.15 | 3.15 miles | KY490359_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Adair | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Crocus Creek 4.9 to 14.0 | 9.1 miles | KY490359_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-NS | PCR; SCR; WAH | pH | Source Unknown |
| Crocus Creek 4.9 to 14.0 | 9.1 miles | KY490359_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Mine Tailings |
| Crooked Creek 0.0 to 11.9 | 11.9 miles | KY511649_01 | River | Green/Tradewater | Ohio River | 05140203 | Crittenden | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Crooked Creek 0.0 to 3.0 | 3 miles | KY490376_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Crooked Creek 0.0 to 9.1 | 9.1 miles | KY490377_00 | River | Salt/Licking | Licking River | 05100101 | Nicholas | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Crooked Creek 5.6 to 12.8 | 7.2 miles | KY490379_00 | River | Salt/Licking | Salt River | 05140103 | Bullitt | 5-NS | WAH | Cause Unknown | Source Unknown |
| Crooked Creek 11.9 to 26.2 | 14.3 miles | KY511649_02 | River | Green/Tradewater | Ohio River | 05140203 | Crittenden | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|---------------|---------------|------------|--------------------------|----------------------|-------------|------------|----------|-----|---|--|
| Crooked Creek 11.9 to 26.2 | 14.3 miles | KY511649_02 | River | Green/ Tradewater | Ohio River | 05140203 | Crittenden | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Crooked Creek 11.9 to 26.2 | 14.3 miles | KY511649_02 | River | Green/ Tradewater | Ohio River | 05140203 | Crittenden | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Crooked Creek 11.9 to 26.2 | 14.3 miles | KY511649_02 | River | Green/ Tradewater | Ohio River | 05140203 | Crittenden | 5-NS | WAH | Sedimentation/ Siltation | Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Cruises Creek 0.0 to 8.7 | 8.7 miles | KY490420_01 | River | Salt/Licking | Licking River | 05100101 | Kenton | 5-PS | WAH | Cause Unknown | Source Unknown |
| Crystal Creek 0.0 to 2.3 | 2.3 miles | KY511669_01 | River | Kentucky | Kentucky River | 05100201 | Lee | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Landfills |
| Crystal Creek 0.0 to 2.3 | 2.3 miles | KY511669_01 | River | Kentucky | Kentucky River | 05100201 | Lee | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Landfills |
| Cumberland River 671.9 to 682.3 | 10.4 miles | KY517018_09 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Specific Conductance | Package Plant or Other Permitted Small Flows Discharges; Surface Mining |
| Cumberland River 569.4 to 575.1 | 5.7 miles | KY517018_03.5 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Specific Conductance | Surface Mining |
| Cumberland River 653.25 to 659.95 | 6.7 miles | KY517018_08 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Currys Fork 0.0 to 4.8 | 4.8 miles | KY490506_01 | River | Salt/Licking | Salt River | 05140102 | Oldham | 5-NS | PCR | Escherichia coli | Package Plant or Other Permitted Small Flows Discharges |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Cutshin Creek 9.7 to 10.7 | 1 miles | KY511693_01 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining |
| Cypress Creek 0.0 to 3.3 | 3.3 miles | KY490527_01 | River | Green/Tradewater | Tradewater | 05140205 | Union | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Cypress Creek 0.0 to 3.3 | 3.3 miles | KY490527_01 | River | Green/Tradewater | Tradewater | 05140205 | Union | 5-PS | SCR | Fecal Coliform | Source Unknown |
| Cypress Creek 0.0 to 6.0 | 6 miles | KY490526_01 | River | Green/Tradewater | Green River | 05110006 | McLean | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Cypress Creek 0.0 to 6.0 | 6 miles | KY490526_01 | River | Green/Tradewater | Green River | 05110006 | McLean | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Cypress Creek 0.1 to 6.2 | 6.1 miles | KY490528_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Iron | Industrial Point Source Discharge; Urban Runoff/Storm Sewers |
| Cypress Creek 6.2 to 7.7 | 1.5 miles | KY490528_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Cypress Creek 6.2 to 7.7 | 1.5 miles | KY490528_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Cypress Creek 6.2 to 7.7 | 1.5 miles | KY490528_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Source Unknown |
| Cypress Creek 7.7 to 9.7 | 2 miles | KY490528_03 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cypress Creek 0.1 to 6.1 | 6 miles | KY490524_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | 5-NS | WAH | Phosphorus (Total) | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------------|----------|-----|---|---|
| Cypress Creek 0.1 to 6.1 | 6 miles | KY490524_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Cypress Creek 23.1 to 26.5 | 3.4 miles | KY490526_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Cause Unknown | Source Unknown |
| Cypress Creek 26.5 to 33.6 | 7.1 miles | KY490526_03 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Non-Point Source; Surface Mining |
| Cypress Creek 26.5 to 33.6 | 7.1 miles | KY490526_03 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Non-Point Source; Surface Mining |
| Daniels Creek 0.0 to 5.7 | 5.7 miles | KY490575_00 | River | Green/Tradewater | Green River | 05110004 | Breckinridge | 5-PS | WAH | Cause Unknown | Source Unknown |
| David Fork 0.0 to 1.65 | 1.65 miles | KY490622_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Escherichia coli | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing |
| Deer Creek 0.0 to 8.1 | 8.1 miles | KY490770_01 | River | Green/Tradewater | Ohio River | 05140203 | Livingston | 5-NS | WAH | Cause Unknown | Agriculture |
| Deer Creek 0.0 to 8.4 | 8.4 miles | KY490771_01 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Iron | Source Unknown |
| Deer Creek 0.0 to 8.4 | 8.4 miles | KY490771_01 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Fecal Coliform | Unspecified Domestic Waste |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Selenium | Mountaintop Mining; Surface Mining |
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|-----------------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Defeated Creek 0.5 to 1.6 | 1.1 miles | KY490786_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |
| Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9 | 10.5 miles | KY490816_01 | River | Green/Tradewater | Ohio River | 05140203 | Union | 5-NS | PCR | Fecal Coliform | Agriculture |
| Deserter Creek 0.0 to 3.1 | 3.1 miles | KY490828_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Deserter Creek 0.0 to 3.1 | 3.1 miles | KY490828_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Dewey Lake | 1100 acres | KY490849_00 | Fresh-water Reservoir | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | SCR | Total Suspended Solids (TSS) | Surface Mining; Upstream Source |
| Doe Run 4.1 to 7.9 | 3.8 miles | KY490968_00 | River | Salt/Licking | Salt River | 05140104 | Meade | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Doe Run Lake | 49 acres | KYCLN082_00 | Fresh-water Reservoir | Salt/Licking | Licking River | 05100102 | Kenton | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown; Upstream Source |
| Doe Run Lake | 49 acres | KYCLN082_00 | Fresh-water Reservoir | Salt/Licking | Licking River | 05100102 | Kenton | 5-PS | WAH | Oxygen, Dissolved | Source Unknown; Upstream Source |
| Donaldson Creek 0.0 to 14.2 | 14.2 miles | KY490999_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Donaldson Creek 0.0 to 14.2 | 14.2 miles | KY490999_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Donaldson Creek 7.1 to 11.6 | 4.5 miles | KY491000_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Cause Unknown | Dredge Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| Dorsey Run 2.1 to 3.9 | 1.8 miles | KY491020_00 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing |
| Dorsey Run 2.1 to 3.9 | 1.8 miles | KY491020_00 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation |
| Doty Branch 0.0 to 2.3 | 2.3 miles | KY2355192_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Animal Feeding Operations (NPS) |
| Drakes Creek 0.0 to 23.4 | 23.4 miles | KY491096_01 | River | Green/Tradewater | Green River | 05110002 | Warren | 5-PS | FC | Polychlorinated Biphenyls | Industrial Point Source Discharge |
| Dry Creek 0.0 to 2.5 | 2.5 miles | KY511917_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Urban Runoff/Storm Sewers |
| Dry Creek 0.0 to 2.5 | 2.5 miles | KY511917_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Urban Runoff/Storm Sewers |
| Dry Creek 0.0 to 2.5 | 2.5 miles | KY511917_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers |
| Dry Creek 0.0 to 3.65 | 3.65 miles | KY491176_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Caldwell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Dry Creek 0.0 to 3.65 | 3.65 miles | KY491176_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Caldwell | 5-PS | WAH | Sedimentation/Siltation | Off-road Vehicles |
| Dry Creek 0.0 to 4.5 | 4.5 miles | KY491173_00 | River | Green/Tradewater | Green River | 05110001 | Casey | 5-PS | WAH | Sedimentation/Siltation | Managed Pasture Grazing; Non-irrigated Crop Production |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Dry Fork 0.0 to 7.3 | 7.3 miles | KY491181_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access |
| Dry Fork 0.0 to 7.3 | 7.3 miles | KY491181_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Oxygen, Dissolved | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access |
| Dry Fork 0.0 to 7.3 | 7.3 miles | KY491181_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access |
| Dry Fork Creek 5.8 to 6.6 | 0.8 miles | KY491216_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Christian | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Dry Run 0.0 to 3.1 | 3.1 miles | KY491240_00 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | WAH | Cause Unknown | Managed Pasture Grazing; Source Unknown |
| Dry Run 0.0 to 3.1 | 3.1 miles | KY491240_00 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing; Source Unknown |
| Dry Run 0.0 to 3.1 | 3.1 miles | KY491240_00 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | WAH | Sedimentation/Siltation | Managed Pasture Grazing; Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|------------------|----------------------|-------------|------------|----------|-----|---|--|
| Duck Fork 0.0 to 4.8 | 4.8 miles | KY511938_01 | River | Kentucky | Kentucky River | 05100204 | Lee | 5-PS | WAH | Cause Unknown | Source Unknown |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | River | Green/Tradewater | Ohio River | 05140203 | Livingston | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | River | Green/Tradewater | Ohio River | 05140203 | Livingston | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Dyer Hill Creek 0.4 to 6.0 | 5.6 miles | KY491390_01 | River | Green/Tradewater | Ohio River | 05140203 | Livingston | 5-PS | WAH | Specific Conductance | Agriculture |
| Eagle Creek 50.8 to 58.5 | 7.7 miles | KY491407_03 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Eagle Creek 50.8 to 58.5 | 7.7 miles | KY491407_03 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Eagle Creek 31.6 to 36.5 | 4.9 miles | KY491407_02 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Managed Pasture Grazing |
| Eagle Creek 31.6 to 36.5 | 4.9 miles | KY491407_02 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Managed Pasture Grazing |
| East Branch 0.0 to 1.3 | 1.3 miles | KY491428_00 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification |
| East Fork Beech Fork 0.0 to 1.9 | 1.9 miles | KY491439_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|------------------|----------------------|-------------|-----------|----------|-----|---|--|
| East Fork Cox Creek 0.0 to 4.3 | 4.3 miles | KY491454_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access |
| East Fork Little Sandy River 24.9 to 26.4 | 1.5 miles | KY491469_03 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | PCR | Escherichia coli | Loss of Riparian Habitat; Non-Point Source |
| East Fork Little Sandy River 27.6 to 30.9 | 3.3 miles | KY491469_05 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Sedimentation/Siltation | Legacy Coal Extraction; Loss of Riparian Habitat |
| East Fork Little Sandy River 4.7 to 14.2 | 9.5 miles | KY491469_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | PCR | Escherichia coli | Agriculture |
| East Fork Little Sandy River 16.9 to 24.9 | 8 miles | KY491469_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| East Fork Little Sandy River 16.9 to 24.9 | 8 miles | KY491469_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat |
| East Fork Little Sandy River 16.9 to 24.9 | 8 miles | KY491469_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-NS | WAH | Specific Conductance | Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers |
| East Fork of Canoe Creek 0.0 to 4.4 | 4.4 miles | KY491444_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-PS | WAH | Oxygen, Dissolved | Drought-related Impacts; Loss of Riparian Habitat |
| East Fork of Canoe Creek 0.0 to 4.4 | 4.4 miles | KY491444_01 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization |
| East Fork of Deer Creek 0.0 to 6.8 | 6.8 miles | KY491455_00 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| East Fork of Hurricane Creek 0.0 to 2.2 | 2.2 miles | KY491466_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| East Fork of Hurricane Creek 0.0 to 2.2 | 2.2 miles | KY491466_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| East Fork of Little Barren River 20.7 to 30.0 | 9.3 miles | KY491468_03 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat |
| East Fork of Lynn Camp Creek 0.0 to 4.5 | 4.5 miles | KY511990_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment) |
| East Fork Otter Creek 0.0 to 2.7 | 2.7 miles | KY491474_00 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Managed Pasture Grazing |
| East Hickman Creek 4.2 to 10.2 | 6.0 miles | KY491487_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| East Hickman Creek 4.2 to 10.2 | 6.0 miles | KY491487_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater |
| East Prong of Indian Camp Creek 0.0 to 6.25 | 6.25 miles | KY491498_01 | River | Green/Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization |
| Eaton Branch 0.0 to 1.9 | 1.9 miles | KY491529_01 | River | Green/Tradewater | Green River | 05110002 | Barren | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |
| Eaton Branch 0.0 to 1.9 | 1.9 miles | KY491529_01 | River | Green/Tradewater | Green River | 05110002 | Barren | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|-------------------------|---|
| Eddy Creek 10.25 to 13.15 | 2.9 miles | KY491550_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Caldwell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Eddy Creek 13.15 to 15.9 | 2.75 miles | KY491550_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Nitrates | Agriculture; Rural (Residential Areas) |
| Eddy Creek 13.15 to 15.9 | 2.75 miles | KY491550_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Phosphorus (Total) | Agriculture; Rural (Residential Areas) |
| Elk Creek 0.0 to 1.6 | 1.6 miles | KY491658_00 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Cause Unknown | Source Unknown |
| Elk Creek 0.0 to 5.4 | 5.4 miles | KY491656_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Elk Creek 7.6 to 10.6 | 3 miles | KY491656_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |
| Elk Fork 0.0 to 4.9 | 4.9 miles | KY512038_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification; Silviculture Activities |
| Elk Fork 12.6 to 14.7 | 2.1 miles | KY512038_03 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Elk Fork 12.6 to 14.7 | 2.1 miles | KY512038_03 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-NS | PCR | Escherichia coli | Source Unknown |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-NS | WAH | Cause Unknown | Source Unknown |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Elk Fork 22.3 to 31.1 | 8.8 miles | KY491660_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Elk Fork 4.9 to 10.5 | 5.6 miles | KY512038_02 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Elk Fork 4.9 to 10.5 | 5.6 miles | KY512038_02 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Elk Fork 31.1 to 33.1 | 1.6 miles | KY491660_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-NS | PCR | Escherichia coli | Source Unknown; Unspecified Urban Stormwater |
| Elk Pond Creek 0.0 to 4.9 | 4.9 miles | KY491671_00 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Elk Pond Creek 0.0 to 4.9 | 4.9 miles | KY491671_00 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Source Unknown |
| Elk Spring Creek 0.0 to 7.8 | 7.8 miles | KY491678_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Wayne | 5-NS | WAH | Cause Unknown | Source Unknown |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Package Plant or Other Permitted Small Flows Discharges; Surface Mining |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Elkhorn Creek 0.0 to 10.7 | 10.7 miles | KY509461_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges; Surface Mining |
| Elkhorn Creek 0.0 to 18.2 | 18.2 miles | KY491690_01 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | FC | Methylmercury | Source Unknown |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Ellingtons Bear Cr 0.0 to 1.5 | 1.5 miles | KY491699_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Temperature, Water | Loss of Riparian Habitat |
| Elmer Davis Lake | 149 acres | KY2567392_00 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Elmer Davis Lake | 149 acres | KY2567392_00 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Oxygen, Dissolved | Agriculture |
| Everman Cr 0.0 to 5.7 | 5.7 miles | KY491855_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| Ewing Creek 0.1 to 2.9 | 2.8 miles | KY491860_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Fannins Branch 1.5 to 3.4 | 1.9 miles | KY491979_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Farley Branch 0.0 to 2.2 | 2.2 miles | KY491983_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Farley Branch 0.0 to 2.2 | 2.2 miles | KY491983_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Ferguson Creek 1.2 to 2.3 | 1.1 miles | KY492034_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | 5-PS | WAH | Cause Unknown | Source Unknown |
| Fern Creek 1.3 to 4.4 | 3.1 miles | KY492042_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Fern Creek 1.3 to 4.4 | 3.1 miles | KY492042_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Fern Creek 1.3 to 4.4 | 3.1 miles | KY492042_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Fern Creek 0.0 to 1.3 | 1.3 miles | KY492042_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------|------------|--------------|------------|------------------|----------------------|-------------|----------|----------|---------------|---|--|
| Flat Creek 0.0 to 0.9 | 0.9 miles | KY492182_00 | River | Salt/Licking | Licking River | 05100101 | Bath | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Oil and Grease | Package Plant or Other Permitted Small Flows Discharges |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Acid Mine Drainage; Legacy Coal Extraction |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Legacy Coal Extraction; Loss of Riparian Habitat |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Specific Conductance | Legacy Coal Extraction |
| Flat Creek 0.0 to 10.9 | 10.9 miles | KY492181_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges |
| Flat Creek 0.0 to 7.1 | 7.1 miles | KY492179_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Flat Run 0.0 to 2.2 | 2.2 miles | KY492217_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| Flat Run 0.0 to 2.2 | 2.2 miles | KY492217_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Non-Point Source |
| Flat Run 0.0 to 2.2 | 2.2 miles | KY492217_00 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Non-Point Source |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|--------------|----------------------|-------------|-----------|----------|-----|---|---|
| Fleming Creek 20.8 to 39.4 | 18.6 miles | KY492236_04 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers |
| Fleming Creek 0.0 to 12.8 | 12.8 miles | KY492236_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Animal Feeding Operations (NPS) |
| Fleming Creek 0.0 to 12.8 | 12.8 miles | KY492236_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |
| Floyds Fork 0.0 to 11.7 | 11.7 miles | KY492278_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Floyds Fork 11.7 to 24.2 | 12.5 miles | KY492278_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| Floyds Fork 11.7 to 24.2 | 12.5 miles | KY492278_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| Floyds Fork 24.2 to 34.1 | 9.9 miles | KY492278_03 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges |
| Floyds Fork 24.2 to 34.1 | 9.9 miles | KY492278_03 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Site Clearance (Land Development or Redevelopment) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|-----------------|------------|----------------------|----------------------|-------------|----------------|----------|-----|---|---|
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | River | Salt/Licking | Salt River | 05140102 | Oldham; Shelby | 5-NS | PCR | Escherichia coli | Package Plant or Other Permitted Small Flows Discharges |
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | River | Salt/Licking | Salt River | 05140102 | Oldham; Shelby | 5-NS | SCR | Fecal Coliform | Package Plant or Other Permitted Small Flows Discharges |
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | River | Salt/Licking | Salt River | 05140102 | Oldham; Shelby | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges; Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) |
| Floyds Fork 34.1 to 61.9 | 27.8 miles | KY492278_04 | River | Salt/Licking | Salt River | 05140102 | Oldham; Shelby | 5-PS | WAH | Sedimentation/ Siltation | Municipal (Urbanized High Density Area); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) |
| Ford Ditch 0.0 to 3.3 | 3.3 miles | KY501759-2.2_00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |
| Ford Ditch 0.0 to 3.3 | 3.3 miles | KY501759-2.2_00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Fourmile Creek 0.2 to 8.5 | 8.3 miles | KY492390_01 | River | Salt/Licking | Ohio River | 05090201 | Campbell | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures) |
| Fox Creek 0.0 to 10.1 | 10.1 miles | KY512230_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|---------------|---|---|
| Fox Creek 0.0 to 10.1 | 10.1 miles | KY512230_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | SCR | Fecal Coliform | Source Unknown |
| Fox Creek 0.0 to 10.1 | 10.1 miles | KY512230_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Natural Sources |
| Fox Creek 20.1 to 22.7 | 2.6 miles | KY512230_03 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Activities |
| Fox Creek 20.1 to 22.7 | 2.6 miles | KY512230_03 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Harvesting |
| Fox Creek 10.1 to 16.0 | 5.9 miles | KY512230_02 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Cause Unknown | Source Unknown |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Coal Mining |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| Fox Run 0.0 to 1.1 | 1.1 miles | KY492415_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Iron | Coal Mining; Petroleum/Natural Gas Activities |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|---------------|----------------------|-------------|-----------|----------|-----|---|--|
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Frasure Creek 0.0 to 5.2 | 5.2 miles | KY492468_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Froman Creek 0.0 to 1.25 | 1.25 miles | KY492574_01 | River | Salt/Licking | Salt River | 05140102 | Nelson | 5-NS | PCR | Escherichia coli | Agriculture; Non-Point Source; Unrestricted Cattle Access |
| Frozen Creek 0.0 to 13.9 | 13.9 miles | KY492582_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Garner Cr 0.0 to 1.8 | 1.8 miles | KY492710_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Sedimentation/Siltation | Managed Pasture Grazing; Silviculture Harvesting |
| Georges Creek 0.0 to 2.9 | 2.9 miles | KY492787_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat; Source Unknown |
| Georges Creek 0.0 to 2.9 | 2.9 miles | KY492787_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|-------------------|------------|----------------------|----------------------|-------------|----------|----------|-----|-------------------------|---|
| Georges Creek 0.0 to 2.9 | 2.9 miles | KY492787_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Specific Conductance | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source |
| Gilbert Creek 1.7 to 3.5 | 1.8 miles | KY492817_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Gilles Ditch 0.0 to 5.4 | 5.4 miles | KY501760-3.5_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Cause Unknown | Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Gilmore Creek 0.0 to 5.9 | 5.9 miles | KY492855_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Lincoln | 5-PS | WAH | Sedimentation/Siltation | Channelization |
| Glens Fork 0.0 to 7.1 | 7.1 miles | KY492907_00 | River | Green/Tradewater | Green River | 05110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Managed Pasture Grazing |
| Goodin Creek 2.1 to 2.6 | 0.5 miles | KY492978_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat |
| Goodman Springs (9000-0230) | 1 miles | KY499512-59.65_00 | Spring | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| Goose Creek 0.0 to 1.85 | 1.8 miles | KY493013_01 | River | Kentucky | Kentucky River | 05100205 | Shelby | 5-PS | WAH | Cause Unknown | Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related) |
| Goose Creek 0.0 to 1.85 | 1.8 miles | KY493013_01 | River | Kentucky | Kentucky River | 05100205 | Shelby | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related) |
| Goose Creek 0.0 to 1.9 | 1.9 miles | KY493006_00 | River | Salt/Licking | Ohio River | 05090201 | Bracken | 5-PS | WAH | Cause Unknown | Natural Sources; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|---------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Cause Unknown | Source Unknown |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Goose Creek 0.0 to 2.2 | 2.2 miles | KY493011_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Goose Creek 0.0 to 4.4 | 4.4 miles | KY493008_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat |
| Goose Creek 0.0 to 8.3 | 8.3 miles | KY512349_01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Goose Creek 0.3 to 3.6 | 3.3 miles | KY493014_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Goose Creek 1.85 to 4.2 | 2.35 miles | KY493013_02 | River | Kentucky | Kentucky River | 05100205 | Shelby | 5-PS | WAH | Cause Unknown | Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|-------------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Goose Creek 3.6 to 13.0 | 9.4 miles | KY493014_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Goose Pond Ditch 0.0 to 9.55 | 9.55 miles | KY512350_01 | River | Green/ Tradewater | Ohio River | 05140203 | Union | 5-NS | WAH | Cause Unknown | Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Goren Mill Spring (9000-0793) | 1 miles | KY493284-226.7_00 | Spring | Green/ Tradewater | Green River | 05110001 | Hart | 5-NS | PCR | Escherichia coli | Source Unknown |
| Goren Mill Spring (9000-0793) | 1 miles | KY493284-226.7_00 | Spring | Green/ Tradewater | Green River | 05110001 | Hart | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Graham Spring (9000-0051) | 1 miles | KY517526-34.65_00 | Spring | Green/ Tradewater | Green River | 05110002 | Warren | 5-PS | PCR | Escherichia coli | Source Unknown |
| Graham Spring (9000-0051) | 1 miles | KY517526-34.65_00 | Spring | Green/ Tradewater | Green River | 05110002 | Warren | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |

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

2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|-----------------------|------------------|----------------------|-------------|------------|----------|-----|---|--|
| Grayson Lake | 1512 acres | KY493224_00 | Fresh-water Reservoir | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Greasy Creek 0.0 to 4.7 | 4.7 miles | KY493231_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Greasy Creek 0.0 to 4.7 | 4.7 miles | KY493231_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Greasy Creek 0.0 to 4.7 | 4.7 miles | KY493231_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Coal Mining |
| Green Creek 0.0 to 8.15 | 8.15 miles | KY493267_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Specific Conductance | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source |
| Green Creek 8.45 to 9.7 | 1.25 miles | KY493267_02 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-PS | WAH | Specific Conductance | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Green River 210.5 to 250.3 | 39.8 miles | KY493284_07 | River | Green/Tradewater | Green River | 05110001 | Hart | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Green River 283.3 to 309.0 | 25.7 miles | KY493284_12 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Green River 71.9 to 94.4 | 22.5 miles | KY493284_04 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Green River Reservoir | 8210 acres | KY493295_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Green River Reservoir | 8210 acres | KY493295_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Groves Creek 0.0 to 6.4 | 6.4 miles | KY493444_00 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|---------------|--------------|-----------------------------------|--------------------------|----------------------|-------------|------------|----------|-----|---|---|
| Guess Creek 0.0 to 2.6 | 2.6 miles | KY493458_00 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Livingston | 5-PS | WAH | Cause Unknown | Source Unknown |
| Guist Creek 15.7 to 28.0 | 12.3 miles | KY493463_02 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater; Upstream Impoundments (e.g., PI- 566 NRCS Structures) |
| Guist Creek 15.7 to 28.0 | 12.3 miles | KY493463_02 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Lans); Unspecified Urban Stormwater |
| Guist Creek Lake | 317 acres | KY493464_00 | Fresh- water Reser- voir | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Guist Creek Lake | 317 acres | KY493464_00 | Fresh- water Reser- voir | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture |
| Guist Creek Lake | 317 acres | KY493464_00 | Fresh- water Reser- voir | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas) |
| Guist Creek Lake | 317 acres | KY493464_00 | Fresh- water Reser- voir | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Oxygen, Dissolved | Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas) |
| Gunpowder Creek 0.0 to 15.0 | 15 miles | KY493502_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Sedimentation/ Siltation | Site Clearance (Land Development or Redevelopment) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------|----------|-----|---|---|
| Gunpowder Creek 15.4 to 17.1 | 1.7 miles | KY493502_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater |
| Gunpowder Creek 15.4 to 17.1 | 1.7 miles | KY493502_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Unspecified Urban Stormwater |
| Gunpowder Creek 15.4 to 17.1 | 1.7 miles | KY493502_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Sedimentation/ Siltation | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater |
| Gunpowder Creek 18.9 to 21.6 | 2.7 miles | KY493502_03 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Cause Unknown | Unspecified Urban Stormwater |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Iron | Coal Mining; Petroleum/Natural Gas Activities |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Hall Fork 0.0 to 2.0 | 2 miles | KY493584_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Halls Creek 4.8 to 9.6 | 4.8 miles | KY493602_01 | River | Green/ Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|------------------|----------------------|-------------|--------------|----------|---------------|---|---|
| Halls Creek 4.8 to 9.6 | 4.8 miles | KY493602_01 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management |
| Hancock Creek 4.3 to 7.6 | 3.3 miles | KY493672_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers |
| Hancock Creek 4.3 to 7.6 | 3.3 miles | KY493672_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers |
| Hancock Creek 4.3 to 7.6 | 3.3 miles | KY493672_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | PCR; SCR; WAH | pH | Source Unknown |
| Hardins Creek 0.0 to 11.4 | 11.4 miles | KY493728_01 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Hardins Creek 0.0 to 11.4 | 11.4 miles | KY493728_01 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Hardins Creek 0.0 to 11.4 | 11.4 miles | KY493728_01 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Hardins Creek 13.3 to 22.9 | 9.6 miles | KY493729_02 | River | Salt/Licking | Salt River | 05140103 | Marion | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |
| Hardins Creek 13.3 to 22.9 | 9.6 miles | KY493729_02 | River | Salt/Licking | Salt River | 05140103 | Marion | 5-PS | WAH | Phosphorus (Total) | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|--------------|-----------------|------------|-------------------|----------------------|-------------|----------|----------|-----|---|--|
| Hardins Creek 13.3 to 22.9 | 9.6 miles | KY493729_ 02 | River | Salt/Licking | Salt River | 05140103 | Marion | 5-PS | WAH | Sedimentation/ Siltation | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |
| Hardwick Creek 0.0 to 3.2 | 3.2 miles | KY512561_ 00 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations); On- site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Hardy Creek 1.6 to 5.6 | 4 miles | KY493737_ 02 | River | Salt/Licking | Salt River | 05140101 | Trimble | 5-PS | WAH | Cause Unknown | Source Unknown |
| Hardy Creek 0.0 to 1.4 | 1.4 miles | KY493737_ 01 | River | Salt/Licking | Salt River | 05140101 | Trimble | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers |
| Hardy Creek 0.0 to 1.4 | 1.4 miles | KY493737_ 01 | River | Salt/Licking | Salt River | 05140101 | Trimble | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers |
| Harriett Branch 0.6 to 2.3 | 1.7 miles | KY493794_ 01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------------|---------------|--------------|------------|--------------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Harris Branch 0.25 to 0.6 | 0.35 miles | KY493796_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Specific Conductance | Impacts from Abandoned Mine Lands (Inactive) |
| Harrods Creek 0.0 to 3.2 | 3.2 miles | KY493826_01 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-PS | PCR | Fecal Coliform | Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges |
| Harrods Creek 0.0 to 3.2 | 3.2 miles | KY493826_01 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal (Urbanized High Density Area) |
| Haskell Branch 1.2 to 4.5 | 3.3 miles | KY493854_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Graves | 5-PS | WAH | Sedimentation/ Siltation | Agriculture |
| Hatchell Branch 0.0 to 1.0 | 1 miles | KY512583_00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | McCreary | 5-PS | WAH | Sedimentation/ Siltation | Silviculture Activities |
| Hatton Creek 0.0 to 4.2 | 4.2 miles | KY512588_00 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-PS | WAH | Cause Unknown | Source Unknown |
| Havana Creek 0.0 to 2.0 | 2.0 miles | KY493874_00 | River | Green/ Tradewater | Green River | 05110005 | Webster | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production |
| Hawes Fork 0.0 to 4.4 | 4.4 miles | KY493879_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/ Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Hawes Fork 0.0 to 4.4 | 4.4 miles | KY493879_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|---------------|-----------------|-----------------------------------|--------------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Hawes Fork 0.0 to 4.4 | 4.4 miles | KY493879_ 00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Hayden Creek 0.0 to 1.3 | 1.3 miles | KY493903_ 01 | River | Salt/Licking | Salt River | 05140103 | Mercer | 5-NS | WAH | Other | Source Unknown |
| Hazel Creek 0.0 to 3.7 | 3.7 miles | KY493948_ 00 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Hazel Creek 0.0 to 3.7 | 3.7 miles | KY493948_ 00 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Sedimentation/ Siltation | Channelization |
| Hazel Patch Creek 0.0 to 1.8 | 1.8 miles | KY512623_ 01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Laurel | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat |
| Head of Rough River Spring 154.85 to 155.8 | 0.95 miles | KY502390_ 07 | Spring | Green/ Tradewater | Green River | 05110004 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| Head of Rough River Spring 154.85 to 155.8 | 0.95 miles | KY502390_ 07 | Spring | Green/ Tradewater | Green River | 05110004 | Hardin | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Hector Branch 0.0 to 5.5 | 5.5 miles | KY512629_ 01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Cause Unknown | Source Unknown |
| Hematite Lake | 85 acres | KY494017_ 00 | Fresh- water Reser- voir | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Hematite Lake | 85 acres | KY494017_00 | Fresh-water Reservoir | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| Herrington Lake | 2940 acres | KY494090_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Garrard | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Herrington Lake | 2940 acres | KY494090_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Garrard | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Herrington Lake | 2940 acres | KY494090_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Garrard | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Hickman Creek 6.0 to 25.5 | 19.5 miles | KY494112_02 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges |
| Hickman Creek 6.0 to 25.5 | 19.5 miles | KY494112_02 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Hickman Creek 0.0 to 6.0 | 6 miles | KY494112_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|------------------|----------------------|-------------|------------|----------|-----|--|---|
| Highland Creek 0.0 to 7.6 | 7.6 miles | KY494210_01 | River | Green/Tradewater | Ohio River | 05140202 | Union | 5-PS | WAH | Cause Unknown | Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Highland Creek 0.0 to 7.6 | 7.6 miles | KY494210_01 | River | Green/Tradewater | Ohio River | 05140202 | Union | 5-NS | PCR | Fecal Coliform | Agriculture; Loss of Riparian Habitat |
| Highland Creek 7.6 to 21.4 | 13.8 miles | KY494210_02 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | PCR | Fecal Coliform | Agriculture |
| Highland Creek 7.6 to 21.4 | 13.8 miles | KY494210_02 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | SCR | Fecal Coliform | Agriculture |
| Highland Creek 7.6 to 21.4 | 13.8 miles | KY494210_02 | River | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-NS | WAH | Iron | Coal Mining (Subsurface); Petroleum/Natural Gas Activities |
| Hinkston Creek 0.0 to 12.6 | 12.6 miles | KY494298_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Source Unknown |
| Hinkston Creek 20.8 to 31.0 | 10.2 miles | KY494298_03 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Hinkston Creek 41.8 to 49.1 | 7.3 miles | KY494298_05 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Agriculture |
| Hinkston Creek 41.8 to 49.1 | 7.3 miles | KY494298_05 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Sedimentation/ Siltation | Agriculture |
| Hinkston Creek 51.5 to 65.9 | 14.4 miles | KY494298_06 | River | Salt/Licking | Licking River | 05100102 | Montgomery | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones |
| Hinkston Creek 51.5 to 65.9 | 14.4 miles | KY494298_06 | River | Salt/Licking | Licking River | 05100102 | Montgomery | 5-NS | WAH | Sedimentation/ Siltation | Grazing in Riparian or Shoreline Zones |
| Hite Creek 0.0 to 5.5 | 5.5 miles | KY494313_00 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | WAH | Cause Unknown | Municipal Point Source Discharges |
| Holly Creek 0.0 to 6.2 | 6.2 miles | KY494406_01 | River | Kentucky | Kentucky River | 05100201 | Wolfe | 5-PS | WAH | Cause Unknown | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|-------------------|----------------------|-------------|----------|----------|-----|---|--|
| Holly Creek 0.0 to 6.2 | 6.2 miles | KY494406_01 | River | Kentucky | Kentucky River | 05100201 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining |
| Hood Creek 0.0 to 3.6 | 3.6 miles | KY494493_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Cause Unknown | Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater |
| Hood Creek 0.0 to 3.6 | 3.6 miles | KY494493_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Landfills; Unspecified Urban Stormwater |
| Hood Creek 0.0 to 3.6 | 3.6 miles | KY494493_01 | River | Sandy/ Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Sedimentation/ Siltation | Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | PCR | Fecal Coliform | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | SCR | Fecal Coliform | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Non-Point Source |
| Hoods Creek 0.0 to 6.3 | 6.3 miles | KY494496_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture; Non-Point Source |
| Horse Creek 0.0 to 8.3 | 8.3 miles | KY512793_01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining |
| Horsepen Fork 0.0 to 1.2 | 1.2 miles | KY494597_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Cause Unknown | Source Unknown |
| Houston Creek 0.0 to 9.0 | 9 miles | KY494646_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|--------------------------|----------------------|-------------|----------|----------|---------------------|---|--|
| Houston Creek 9.0 to 12.7 | 3.7 miles | KY494646_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Golf Courses |
| Howard Branch 0.0 to 2.0 | 2 miles | KY494651_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/ Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Humphrey Creek 0.0 to 3.4 | 3.4 miles | KY494758_01 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | Ballard | 5-PS | WAH | Cause Unknown | Source Unknown |
| Humphrey Creek 3.4 to 11.2 | 7.8 miles | KY494758_02 | River | Tenn/Miss/ Cumberland | Ohio River | 05140206 | Ballard | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Coal Mining; Source Unknown |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Hurricane Creek 0.0 to 1.8 | 1.8 miles | KY494821_01 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Zinc | Coal Mining |

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2012 303(d) List

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

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2012 303(d) List

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

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

2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|--------------|--------------|------------|--------------------------|----------------------|-------------|------------|----------|---------------------|-----------------------------|--|
| Indian Creek 0.0 to 3.5 | 3.5 miles | KY494929_01 | River | Sandy/ Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post- development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining |
| Indian Creek 0.0 to 3.5 | 3.5 miles | KY494929_01 | River | Sandy/ Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining |
| Indian Creek 0.0 to 4.2 | 4.2 miles | KY494919_00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | WAH | Cause Unknown | Dredging (e.g., for Navigation Channels) |
| Indian Creek 0.0 to 4.5 | 4.5 miles | KY512903_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Jackson | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |
| Irishman Creek 0.0 to 4.3 | 4.3 miles | KY495004_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |
| Isaacs Creek 0.0 to 7.3 | 7.3 miles | KY495035_00 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | PCR; SCR; WAH | pH | Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive) |
| Isaacs Creek 0.0 to 7.3 | 7.3 miles | KY495035_00 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive) |
| Island Creek 0.0 to 1.7 | 1.7 miles | KY495044_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Sedimentation/ Siltation | Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Island Creek 0.0 to 1.7 | 1.7 miles | KY495044_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Island Creek 0.0 to 5.7 | 5.7 miles | KY495045_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Island Creek 0.0 to 5.7 | 5.7 miles | KY495045_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Island Creek 5.7 to 10.1 | 4.4 miles | KY495045_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Cause Unknown | Source Unknown |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Jacks Creek 0.0 to 4.4 | 4.4 miles | KY495089_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Jacobs Fork 3.6 to 5.7 | 2.1 miles | KY495138_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels); Managed Pasture Grazing |
| Jacobs Fork 0.0 to 2.05 | 2.05 miles | KY495138_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Cause Unknown | Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle Access |

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2012 303(d) List

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

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2012 303(d) List

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

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

2012 303(d) List

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

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2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|-------------------------|--|
| Jonathan Creek 7.3 to 10.6 | 3.3 miles | KY495443_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040005 | Calloway | 5-PS | WAH | Cause Unknown | Source Unknown |
| Jones Creek 0.0 to 3.9 | 3.9 miles | KY495492_00 | River | Salt/Licking | Salt River | 05140103 | Marion | 5-PS | WAH | Cause Unknown | Source Unknown |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Iron | Coal Mining; Petroleum/Natural Gas Activities |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nitrogen (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Phosphorus (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Sedimentation/Siltation | Channelization; Coal Mining; Post-development Erosion and Sedimentation |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Jones Fork 0.0 to 9.9 | 9.9 miles | KY495499_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Judy Creek 0.0 to 1.5 | 1.5 miles | KY513089_01 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Keaton Fork 0.0 to 5.1 | 5.1 miles | KY495584_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Johnson | 5-NS | WAH | Cause Unknown | Source Unknown |
| Keaton Fork 0.0 to 5.1 | 5.1 miles | KY495584_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Johnson | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-Point Source; Source Unknown |
| Kenady Creek 0.0 to 4.0 | 4 miles | KY495638_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|-------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Kennedy Creek 0.0 to 5.7 | 5.7 miles | KY495646_01 | River | Salt/Licking | Licking River | 05100101 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| Kentucky River 0.3 to 11.5 | 11.2 miles | KY513130_01 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-NS | FC | Methylmercury | Atmospheric Deposition - Toxics; Source Unknown |
| Kentucky River 121.1 to 138.5 | 17.4 miles | KY513130_08 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 153.75 to 209.8 | 56.05 miles | KY513130_10 | River | Kentucky | Kentucky River | 05100204 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 53.2 to 66.95 | 13.75 miles | KY513130_03 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 67.0 to 84.25 | 17.25 miles | KY513130_04 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Kentucky River 99.1 to 119.9 | 20.8 miles | KY513130_06 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Key Creek 0.0 to 1.9 | 1.9 miles | KY495709_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Cause Unknown | Source Unknown |
| Kilburn Fork 0.9 to 6.2 | 5.3 miles | KY513138_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| Kincaid Lake | 162 acres | KY2564275_00 | Fresh-water Reservoir | Salt/Licking | Licking River | 05100101 | Pendleton | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Kincaid Lake | 162 acres | KY2564275_00 | Fresh-water Reservoir | Salt/Licking | Licking River | 05100101 | Pendleton | 5-PS | WAH | Oxygen, Dissolved | Agriculture |
| Knob Creek 1.4 to 3.1 | 1.7 miles | KY495836_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010202 | Graves | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Knoblick Creek 0.0 to 2.1 | 2.1 miles | KY495848_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|-------------|--------------|-----------------------|----------------------|----------------------|-------------|---------|----------|-----|---|---|
| Knoblick Creek 0.0 to 9.1 | 9.1 miles | KY495850_00 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland Grazing |
| Knoblick Creek 0.0 to 9.1 | 9.1 miles | KY495850_00 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production |
| Knoblick Creek 0.0 to 9.1 | 9.1 miles | KY495850_00 | River | Green/Tradewater | Green River | 05110005 | Webster | 5-NS | WAH | Total Dissolved Solids | Managed Pasture Grazing; Non-irrigated Crop Production |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | FC | PCB in Fish Tissue | Upstream Source |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization; Coal Mining |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Specific Conductance | Coal Mining |
| Knox Creek 0.0 to 8.0 | 8 miles | KY495859_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Temperature, Water | Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown |
| Lacy Creek 0.0 to 7.25 | 7.25 miles | KY495895_01 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining |
| Lake Cumberland | 50250 acres | KY490483_00 | Fresh-water Reservoir | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Russell | 5-PS | FC | Methylmercury | Atmospheric Deposition - Toxics |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------|------------|--------------|-----------------------|------------------|----------------------|-------------|------------|----------|-----|---|---|
| Lake Jericho | 137 acres | KY495230_00 | Fresh-water Reservoir | Salt/Licking | Ohio River | 05140101 | Henry | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Lake Jericho | 137 acres | KY495230_00 | Fresh-water Reservoir | Salt/Licking | Ohio River | 05140101 | Henry | 5-NS | WAH | Oxygen, Dissolved | Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Lake Luzerne | 55 acres | KY497358_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | DWS | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Lake Malone | 826 acres | KY497476_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110003 | Logan | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Lake Reba | 78 acres | KY501636_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Golf Courses; Unspecified Urban Stormwater |
| Lake Reba | 78 acres | KY501636_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Oxygen, Dissolved | Golf Courses; Unspecified Urban Stormwater |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Surface Mining |
| Lambs Creek 0.0 to 3.3 | 3.3 miles | KY495942_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Laurel Creek 3.2 to 4.7 | 1.5 miles | KY513241_00 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing; Non-irrigated Crop Production |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|--------------------------|----------------------|-------------|--------|----------|-----|---|--|
| Laurel River 0.9 to 2.2 | 1.3 miles | KY513263_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | CAH | Temperature, Water | Dam or Impoundment; Upstream Source |
| Laurel River 23.7 to 24.9 | 1.2 miles | KY513263_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Laurel | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Source Unknown |
| Laurel River 26.35 to 33.95 | 7.6 miles | KY513263_03 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Escherichia coli | Non-Point Source |
| Laurel River 26.35 to 33.95 | 7.6 miles | KY513263_03 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Cause Unknown | Source Unknown |
| Laurel River 26.35 to 33.95 | 7.6 miles | KY513263_03 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Iron | Source Unknown |
| Leatherwood Creek 1.55 to 3.1 | 1.55 miles | KY496126_01 | River | Kentucky | Kentucky River | 05100202 | Perry | 5-PS | WAH | Cause Unknown | Source Unknown |
| Lees Creek 0.0 to 4.3 | 4.3 miles | KY496181_01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |
| Lees Creek 0.0 to 4.3 | 4.3 miles | KY496181_01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Left Fork Beaver Creek 0.0 to 11.4 | 11.4 miles | KY496194_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Iron | Coal Mining; Petroleum/Natural Gas Activities |
| Left Fork Beaver Creek 0.0 to 11.4 | 11.4 miles | KY496194_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/ Siltation | Coal Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater |
| Left Fork Beaver Creek 0.0 to 11.4 | 11.4 miles | KY496194_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |

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2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|---------------|----------------------|-------------|----------|----------|---------------|---|---|
| Left Fork Blaine Creek 0.0 to 2.1 | 2.1 miles | KY496199_00 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Left Fork Blaine Creek 0.0 to 2.1 | 2.1 miles | KY496199_00 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Left Fork Blaine Creek 0.0 to 2.1 | 2.1 miles | KY496199_00 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining |
| Left Fork Howard's Creek (Lft Fk Redwine Crk) 0.0 to 1.2 | 1.2 miles | KY496251_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Cause Unknown | Source Unknown |
| Left Fork Island Creek 0.0 to 5.0 | 5 miles | KY513314_00 | River | Kentucky | Kentucky River | 05100203 | Owsley | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Left Fork Malachi Branch 0.0 to 0.7 | 0.7 miles | KY496239_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | WAH | Cause Unknown | Source Unknown |
| Left Fork Middle Creek Levisa Fork 0.0 to 10.3 | 10.3 miles | KY496241_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Left Fork Middle Creek Levisa Fork 0.0 to 10.3 | 10.3 miles | KY496241_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | PCR; SCR; WAH | pH | Surface Mining |
| Left Fork Middle Creek Levisa Fork 0.0 to 10.3 | 10.3 miles | KY496241_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | SCR | Fecal Coliform | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|-----------------|------------|----------------------|----------------------|-------------|----------|----------|---------------|------------------------------|---|
| Left Fork Middle Creek Levisa Fork 0.0 to 10.3 | 10.3 miles | KY496241_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Non-Point Source; Surface Mining |
| Left Fork Middle Creek Levisa Fork 0.0 to 10.3 | 10.3 miles | KY496241_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Left Fork Millstone Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Left Fork Millstone Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Left Fork Millstone Creek 1.6 to 2.9 | 1.3 miles | KY496243_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | PCR; SCR; WAH | pH | Surface Mining |
| Left Fork of Johnson Creek 0.0 to 3.15 | 3.15 miles | KY495397-5.9_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source |
| Left Fork of Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Upstream Source |
| Left Fork of Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Total Suspended Solids (TSS) | Coal Mining; Crop Production (Crop Land or Dry Land) |
| Left Fork of Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Turbidity | Coal Mining; Crop Production (Crop Land or Dry Land) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------------|------------|--------------|------------|---------------|----------------------|-------------|----------|----------|-----|---|---|
| Left Fork White Oak Creek 0.0 to 1.8 | 1.8 miles | KY496271_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Left Fork White Oak Creek 0.0 to 1.8 | 1.8 miles | KY496271_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Levisa Fork 0.0 to 5.8 | 5.8 miles | KY496312_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown |
| Levisa Fork 0.0 to 5.8 | 5.8 miles | KY496312_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-NS | WAH | Specific Conductance | Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source |
| Levisa Fork 0.0 to 5.8 | 5.8 miles | KY496312_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-NS | WAH | Total Suspended Solids (TSS) | Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source |
| Levisa Fork 118.8 to 127.7 | 8.9 miles | KY496312_08 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|---------------|----------------------|-------------|----------|----------|-----|---|--|
| Levisa Fork 118.8 to 127.7 | 8.9 miles | KY496312_08 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Levisa Fork 5.8 to 15.3 | 9.5 miles | KY496312_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | FC | Methylmercury | Source Unknown; Surface Mining |
| Levisa Fork 5.8 to 15.3 | 9.5 miles | KY496312_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | FC | Polychlorinated Biphenyls | Source Unknown |
| Levisa Fork 5.8 to 15.3 | 9.5 miles | KY496312_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Levisa Fork 5.8 to 15.3 | 9.5 miles | KY496312_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Levisa Fork 31.4 to 54.7 | 23.3 miles | KY496312_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | PCR | Escherichia coli | Non-Point Source; Package Plant or Other Permitted Small Flows Discharges |
| Levisa Fork 31.4 to 54.7 | 23.3 miles | KY496312_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Non-Point Source; Urban Runoff/Storm Sewers |
| Levisa Fork 31.4 to 54.7 | 23.3 miles | KY496312_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Chlorine | Package Plant or Other Permitted Small Flows Discharges |
| Levisa Fork 65.2 to 98.0 | 32.8 miles | KY496312_06 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers |

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Lick Branch 0.0 to 2.3 | 2.3 miles | KY496428_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Lick Creek 0.0 to 11.9 | 11.9 miles | KY496487_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Lick Creek 0.0 to 2.15 | 2.15 miles | KY496483_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather Discharges (Non-Point Source) |
| Lick Creek 0.0 to 2.2 | 2.2 miles | KY496478_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Lick Creek 0.0 to 2.2 | 2.2 miles | KY496478_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Oil and Grease | Source Unknown |
| Lick Creek 0.0 to 3.7 | 3.7 miles | KY496482_01 | River | Green/Tradewater | Green River | 05110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Lick Creek 0.0 to 5.4 | 5.4 miles | KY496473_01 | River | Kentucky | Kentucky River | 05100205 | Carroll | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater |
| Lick Creek 0.0 to 5.4 | 5.4 miles | KY496473_01 | River | Kentucky | Kentucky River | 05100205 | Carroll | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater |
| Lick Creek 0.00 to 3.65 | 6.7 miles | KY513397_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Escherichia coli | Source Unknown |
| Lick Creek 0.3 to 4.7 | 4.4 miles | KY496480_01 | River | Sandy/Tygart | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source |
| Lick Creek 0.3 to 4.7 | 4.4 miles | KY496480_01 | River | Sandy/Tygart | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat |
| Lick Creek 2.15 to 4.6 | 2.45 miles | KY496483_02 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Lick Creek 5.0 to 13.8 | 8.8 miles | KY496482_02 | River | Green/Tradewater | Green River | 05110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Channelization |

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2012 303(d) List

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

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

2012 303(d) List

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

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Little Bayou Creek 0.0 to 7.2 | 7.2 miles | KY496607_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-NS | WAH | Lead | Inappropriate Waste Disposal; Industrial Point Source Discharge |
| Little Bayou de Chein 10.0 to 12.3 | 2.3 miles | KY496606_02 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Fulton | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land) |
| Little Bayou de Chien 0.0 to 1.3 | 1.3 miles | KY496606_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat |
| Little Beaver Creek 0.0 to 3.3 | 3.3 miles | KY496612_01 | River | Salt/Licking | Licking River | 05100101 | Harrison | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |
| Little Beaver Creek 0.0 to 3.3 | 3.3 miles | KY496612_01 | River | Salt/Licking | Licking River | 05100101 | Harrison | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related) |
| Little Beaverdam Creek 0.0 to 11.4 | 11.4 miles | KY496615_01 | River | Green/Tradewater | Green River | 05110001 | Warren | 5-PS | WAH | Sedimentation/Siltation | Silviculture Activities; Site Clearance (Land Development or Redevelopment) |
| Little Bee Creek 0.0 to 2.15 | 2.15 miles | KY496616_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Salinity | Source Unknown |
| Little Blackwater Creek 0.0 to 7.15 | 7.15 miles | KY513451_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Little Caney Creek 0.0 to 1.95 | 1.95 miles | KY513462_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-------------------------|--|
| Little Carr Fork 0.0 to 4.8 | 4.8 miles | KY496662_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |
| Little Clear Creek 0.0 to 10.9 | 10.9 miles | KY496670_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Legacy Coal Extraction |
| Little Clear Creek 0.0 to 10.9 | 10.9 miles | KY496670_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Specific Conductance | Legacy Coal Extraction |
| Little Clear Creek 0.0 to 10.9 | 10.9 miles | KY496670_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Total Dissolved Solids | Legacy Coal Extraction |
| Little Creek 0.0 to 5.3 | 5.3 miles | KY496690_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat |
| Little Cypress Creek 0.0 to 8.7 | 8.7 miles | KY496701_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater |
| Little Cypress Creek 0.0 to 8.7 | 8.7 miles | KY496701_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater |
| Little Cypress Creek 0.0 to 8.7 | 8.7 miles | KY496701_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater |
| Little Cypress Creek 3.4 to 6.0 | 2.6 miles | KY496700_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-------------------------|---|
| Little Cypress Creek 0.0 to 2.0 | 2 miles | KY496699_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Little Cypress Creek 0.0 to 3.4 | 3.4 miles | KY496700_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Little Cypress Creek 0.0 to 3.4 | 3.4 miles | KY496700_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| Little Cypress Creek 0.0 to 3.6 | 3.6 miles | KY496697_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Sedimentation/Siltation | Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater |
| Little Fork Little Sandy River 12.1 to 23.8 | 11.7 miles | KY496737_04 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|---------------|----------------------|-------------|-----------|----------|-----|---|---|
| Little Fork Little Sandy River 23.8 to 27.7 | 3.9 miles | KY496737_05 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-NS | WAH | Sedimentation/Siltation | Channelization; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting |
| Little Fork Little Sandy River 27.7 to 30.5 | 2.8 miles | KY496737_06 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |
| Little Fork Little Sandy River 27.7 to 30.5 | 2.8 miles | KY496737_06 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Temperature, Water | Loss of Riparian Habitat |
| Little Fork Little Sandy River 5.0 to 6.0 | 1 miles | KY496737_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |
| Little Fork Little Sandy River 5.0 to 6.0 | 1 miles | KY496737_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Temperature, Water | Loss of Riparian Habitat |
| Little Fork Little Sandy River 6.0 to 12.1 | 6.1 miles | KY496737_03 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Chlorine | Package Plant or Other Permitted Small Flows Discharges |
| Little Fork Little Sandy River 6.0 to 12.1 | 6.1 miles | KY496737_03 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Little Goose Creek 0.0 to 9.2 | 9.2 miles | KY496745_00 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | PCR | Fecal Coliform | Urban Runoff/Storm Sewers |
| Little Kentucky River 21.3 to 27.7 | 6.4 miles | KY496778_02 | River | Salt/Licking | Ohio River | 05140101 | Henry | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------|----------|-----|---|---|
| Little Laurel River 8.4 to 12.7 | 4.3 miles | KY513497_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Combined Sewer Overflows; Municipal Point Source Discharges |
| Little Laurel River 8.4 to 12.7 | 4.3 miles | KY513497_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Combined Sewer Overflows; Municipal Point Source Discharges |
| Little Laurel River 8.4 to 12.7 | 4.3 miles | KY513497_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Phosphorus (Total) | Combined Sewer Overflows; Municipal Point Source Discharges |
| Little Laurel River 8.4 to 12.7 | 4.3 miles | KY513497_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment) |
| Little Mayfield Creek 0.0 to 10.6 | 10.6 miles | KY496794_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Rural (Residential Areas) |
| Little Mayfield Creek 0.0 to 10.6 | 10.6 miles | KY496794_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Little Mud Creek 0.0 to 1.95 | 1.95 miles | KY496810_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Fulton | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Little Mud Creek 0.0 to 1.95 | 1.95 miles | KY496810_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Fulton | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Little Muddy Creek 6.6 to 12.9 | 6.3 miles | KY496814_02 | River | Green/Tradewater | Green River | 05110002 | Butler | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Little Muddy Creek 6.6 to 12.9 | 6.3 miles | KY496814_02 | River | Green/Tradewater | Green River | 05110002 | Butler | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|---------------|---|--|
| Little Muddy Creek 5.2 to 6.6 | 1.4 miles | KY496814_01 | River | Green/Tradewater | Green River | 05110002 | Butler | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification |
| Little Paint Creek 3.2 to 6.5 | 3.3 miles | KY496821_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Little Paint Creek 6.5 to 11.6 | 5.1 miles | KY496821_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | PCR; SCR; WAH | pH | Surface Mining; Subsurface (Hardrock) Mining |
| Little Paint Creek 6.5 to 11.6 | 5.1 miles | KY496821_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Little Paint Creek 6.5 to 11.6 | 5.1 miles | KY496821_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Inappropriate Waste Disposal; Surface Mining |
| Little Paint Creek 6.5 to 11.6 | 5.1 miles | KY496821_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | WAH | Sedimentation/Siltation | Inappropriate Waste Disposal; Surface Mining |
| Little Poplar Creek 0.0 to 2.8 | 2.8 miles | KY496830_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment) |
| Little Poplar Creek 3.1 to 4.4 | 1.3 miles | KY496830_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas) |
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | PCR; SCR; WAH | pH | Legacy Coal Extraction |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------|----------|-----|---|--|
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Iron | Legacy Coal Extraction |
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Manganese | Legacy Coal Extraction |
| Little Raccoon Creek 0.0 to 7.7 | 7.7 miles | KY513514_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Total Dissolved Solids | Legacy Coal Extraction |
| Little River 15.3 to 21.1 | 5.8 miles | KY496838_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Dam or Impoundment |
| Little River 15.3 to 21.1 | 5.8 miles | KY496838_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Little River 21.1 to 30.6 | 9.5 miles | KY496838_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | FC | Methylmercury | Source Unknown |
| Little River 21.1 to 30.6 | 9.5 miles | KY496838_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Municipal Point Source Discharges |
| Little River 21.1 to 30.6 | 9.5 miles | KY496838_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Phosphorus (Total) | Agriculture; Municipal Point Source Discharges |
| Little River 21.1 to 30.6 | 9.5 miles | KY496838_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Municipal Point Source Discharges |
| Little River 30.6 to 31.9 | 1.3 miles | KY496838_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Little River 30.6 to 31.9 | 1.3 miles | KY496838_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Little River 31.9 to 46.1 | 14.2 miles | KY496838_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land) |
| Little River 31.9 to 46.1 | 14.2 miles | KY496838_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------------|------------|--------------|------------|--------------------------|-----------------------|-------------|-----------|----------|-----|---|---|
| Little River 31.9 to 46.1 | 14.2 miles | KY496838_04 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Trigg | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown |
| Little River 46.1 to 58.3 | 12.2 miles | KY496838_05 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Little River 46.1 to 58.3 | 12.2 miles | KY496838_05 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Little River 46.1 to 58.3 | 12.2 miles | KY496838_05 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Little Sandy River 0.15 to 0.3 | 0.15 miles | KY496857_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | PCR | Fecal Coliform | Package Plant or Other Permitted Small Flows Discharges |
| Little Sandy River 12.1 to 20.1 | 8 miles | KY496857_03 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Sedimentation/ Siltation | Source Unknown; Upstream Source |
| Little Sandy River 72.7 to 75.5 | 2.8 miles | KY496857_06 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |
| Little Smith Branch 0.3 to 1.4 | 1.1 miles | KY496864_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------|----------|-----|---|--|
| Little South Fork 0.0 to 4.4 | 4.4 miles | KY513527_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130104 | Wayne | 5-PS | WAH | Sedimentation/Siltation | Coal Mining (Subsurface); Surface Mining |
| Little Stoner Creek 0.0 to 5.3 | 5.3 miles | KY496870_00 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Little Willard Creek 0.0 to 2.5 | 2.5 miles | KY513541_01 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining |
| Little Willard Creek 0.0 to 2.5 | 2.5 miles | KY513541_01 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Site Clearance (Land Development or Redevelopment); Surface Mining |
| Livingston Creek 4.65 to 7.1 | 2.45 miles | KY496913_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture |
| Livingston Creek 4.65 to 7.1 | 2.45 miles | KY496913_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Livingston Creek 11.6 to 15.5 | 3.9 miles | KY496913_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Livingston Creek 11.6 to 15.5 | 3.9 miles | KY496913_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Phosphorus (Total) | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|---|
| Livingston Creek 11.6 to 15.5 | 3.9 miles | KY496913_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Lockwood Creek 2.6 to 3.2 | 0.6 miles | KY496936_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-PS | WAH | Cause Unknown | Source Unknown |
| Lockwood Creek 2.6 to 3.2 | 0.6 miles | KY496936_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Point Source; Source Unknown |
| Locust Creek 0.0 to 11.8 | 11.8 miles | KY496939_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |
| Locust Creek 0.0 to 11.8 | 11.8 miles | KY496939_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Locust Creek 0.0 to 4.1 | 4.1 miles | KY496941_01 | River | Salt/Licking | Ohio River | 05090201 | Bracken | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Locust Creek 4.1 to 12.2 | 8.1 miles | KY496941_02 | River | Salt/Licking | Ohio River | 05090201 | Bracken | 5-NS | WAH | Cause Unknown | Source Unknown |
| Logan Run 0.0 to 2.3 | 2.3 miles | KY496986_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Surface Mining |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Temperature, Water | Channelization; Loss of Riparian Habitat; Surface Mining |
| Long Branch 0.0 to 2.0 | 2 miles | KY497042_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|--------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-----------------------------|---|
| Long Branch 0.0 to 3.9 | 3.9 miles | KY497039_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/ Siltation | Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Long Branch 0.0 to 3.9 | 3.9 miles | KY497039_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Specific Conductance | Agriculture; Coal Mining; Mountaintop Mining; Non- Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Long Creek 0.0 to 3.3 | 3.3 miles | KY497096_01 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities |
| Long Falls Creek 0.0 to 7.6 | 7.6 miles | KY497098_01 | River | Green/ Tradewater | Green River | 05110005 | McLean | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Long Falls Creek 0.0 to 7.6 | 7.6 miles | KY497098_01 | River | Green/ Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Irrigated Crop Production; Non- irrigated Crop Production; Surface Mining |
| Long Falls Creek 0.0 to 7.6 | 7.6 miles | KY497098_01 | River | Green/ Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|------------------|----------------------|-------------|--------------|---------------|---------------------|---|---|
| Long Falls Creek 7.6 to 11.9 | 4.3 miles | KY497098_02 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-NS | PCR | Fecal Coliform | Loss of Riparian Habitat |
| Long Falls Creek 7.6 to 11.9 | 4.3 miles | KY497098_02 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-NS; 5-PS | PCR; SCR; WAH | pH | Acid Mine Drainage |
| Long Falls Creek 7.6 to 11.9 | 4.3 miles | KY497098_02 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Sedimentation/ Siltation | Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production |
| Long Falls Creek 7.6 to 11.9 | 4.3 miles | KY497098_02 | River | Green/Tradewater | Green River | 05110005 | McLean | 5-PS | WAH | Total Dissolved Solids | Acid Mine Drainage |
| Long Fork 0.0 to 4.6 | 4.6 miles | KY497111_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Sedimentation/ Siltation | Surface Mining |
| Long Fork 0.0 to 4.6 | 4.6 miles | KY497111_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Long Fork 0.0 to 1.4 | 1.4 miles | KY497103_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Cause Unknown | Non-Point Source; Source Unknown |
| Long Fork 0.4 to 7.5 | 7.1 miles | KY497109_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Specific Conductance | Coal Mining; Loss of Riparian Habitat; Non- Point Source |
| Long Lick Creek 0.0 to 10.5 | 10.5 miles | KY497124_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | WAH | Sedimentation/ Siltation | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |
| Long Lick Creek 4.6 to 7.3 | 2.7 miles | KY497125_00 | River | Green/Tradewater | Green River | 05110004 | Breckinridge | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|-----------------|------------|----------------------|----------------------|-------------|--------------|----------|-----|-------------------------|--|
| Long Lick Creek 4.6 to 7.3 | 2.7 miles | KY497125_00 | River | Green/Tradewater | Green River | 05110004 | Breckinridge | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |
| Long Pond Branch 2.7 to 3.2 | 0.5 miles | KY497133_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Source Unknown |
| Long Run 0.0 to 9.9 | 9.9 miles | KY497142_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Lost Creek 0.0 to 3.7 | 3.7 miles | KY497178_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Lost Creek 3.7 to 8.95 | 5.25 miles | KY497178_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lost Creek 3.7 to 8.95 | 5.25 miles | KY497178_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lost Creek 3.7 to 8.95 | 5.25 miles | KY497178_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Turbidity | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lost River Rise (9000-0054) | 1 miles | KY495207-3.2_00 | Spring | Green/Tradewater | Green River | 05110002 | Warren | 5-NS | PCR | Escherichia coli | Source Unknown |
| Lotts Creek 0.4 to 1.0 | 0.6 miles | KY497201_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Lotts Creek 1.2 to 6.0 | 4.8 miles | KY497201_02 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lotts Creek 1.2 to 6.0 | 4.8 miles | KY497201_02 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lotts Creek 1.2 to 6.0 | 4.8 miles | KY497201_02 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Turbidity | Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| Lower Branch 3.4 to 9.3 | 5.9 miles | KY497263_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| Lower Chloe Creek 0.0 to 1.5 | 1.5 miles | KY497270_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers |
| Lower Chloe Creek 0.0 to 1.5 | 1.5 miles | KY497270_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-NS | WAH | Specific Conductance | Coal Mining; Urban Runoff/Storm Sewers |
| Lower Howard Creek 2.65 to 6.5 | 3.85 miles | KY497285_02 | River | Kentucky | Kentucky River | 05100205 | Clark | 5-NS | WAH | Cause Unknown | Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures) |
| Lower Howard Creek 2.65 to 6.5 | 3.85 miles | KY497285_02 | River | Kentucky | Kentucky River | 05100205 | Clark | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| Lower Howard Creek 2.65 to 6.5 | 3.85 miles | KY497285_02 | River | Kentucky | Kentucky River | 05100205 | Clark | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures) |
| Lower Laurel Fork 0.0 to 7.9 | 7.9 miles | KY497292_01 | River | Sandy/Tygart | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Cause Unknown | Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater |
| Lower Laurel Fork 0.0 to 7.9 | 7.9 miles | KY497292_01 | River | Sandy/Tygart | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Landfills; Unspecified Urban Stormwater |
| Lower Laurel Fork 0.0 to 7.9 | 7.9 miles | KY497292_01 | River | Sandy/Tygart | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater |
| Lower Stinson Creek 0.0 to 1.1 | 1.1 miles | KY497300_01 | River | Sandy/Tygart | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production |
| Lulbegrud Creek 0.0 to 7.3 | 7.3 miles | KY497344_01 | River | Kentucky | Kentucky River | 05100204 | Clark | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Fecal Coliform | Source Unknown; Urban Runoff/Storm Sewers |
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Oil and Grease | Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| Lynn Camp Creek 0.04 to 3.45 | 3.41 miles | KY513739_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | WAH | Total Suspended Solids (TSS) | Habitat Modification - Other than Hydromodification; Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers |
| Lynn Camp Creek 4.5 to 10.5 | 6 miles | KY513739_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production |
| Lynn Camp Creek 4.5 to 10.5 | 6 miles | KY513739_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment) |
| Lynn Fork 0.0 to 2.4 | 2.4 miles | KY497379_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Mahurin Spring (9000-0202) | 1 miles | KY504135-4.35_00 | Spring | Green/Tradewater | Green River | 05110004 | Grayson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Marble Creek 0.05 to 3.9 | 3.85 miles | KY497527_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Cause Unknown | Source Unknown |
| Marble Creek 0.05 to 3.9 | 3.85 miles | KY497527_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Sedimentation/Siltation | Streambank Modifications/ Destabilization |
| Marrowbone Creek 0.0 to 2.8 | 2.8 miles | KY497560_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-PS | PCR | Escherichia coli | Non-Point Source |
| Marrowbone Creek 0.0 to 2.8 | 2.8 miles | KY497560_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-PS | WAH | Cause Unknown | Source Unknown |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|-------------------------|---|
| Marrowbone Creek 1.4 to 11.3 | 9.9 miles | KY497561_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining |
| Marrowbone Creek 1.4 to 11.3 | 9.9 miles | KY497561_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Marsh Creek 13.5 to 16.5 | 3 miles | KY513798_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Silviculture Activities |
| Marsh Creek 19.0 to 24.1 | 5.1 miles | KY513798_04 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Coal Mining |
| Martins Fork 10.2 to 15.85 | 5.65 miles | KY497628_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Cause Unknown | Dam or Impoundment; Upstream Source |
| Martins Fork 10.2 to 15.85 | 5.65 miles | KY497628_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Temperature, Water | Dam or Impoundment; Upstream Source |
| Martins Fork 19.4 to 28.85 | 9.45 miles | KY497628_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Mash Fork 0.0 to 3.0 | 3 miles | KY497650_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Cause Unknown | Source Unknown |
| Massac Creek 3.9 to 4.4 | 0.5 miles | KY497670_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat |
| Mayfield Creek 1.7 to 5.0 | 3.3 miles | KY497717_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Cause Unknown | Source Unknown |
| Mayfield Creek 35.7 to 37.7 | 2.0 miles | KY497717_07 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Channelization |
| Mayfield Creek 59.5 to 61.9 | 2.4 miles | KY497717_12 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Calloway | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | PCR | Escherichia coli | Agriculture; Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|-----------------------|------------|--------------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Copper | Source Unknown |
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Iron | Source Unknown |
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Lead | Source Unknown |
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture |
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Sedimentation/ Siltation | Agriculture |
| Mayfield Creek 16.0 to 35.7 | 19.7 miles | KY497717_06 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | McCracken | 5-NS | WAH | Sedimentation/ Siltation | Agriculture; Channelization; Loss of Riparian Habitat |
| Mayfield Creek 37.7 to 40.4 | 2.7 miles | KY497717_08 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-NS | PCR | Escherichia coli | Source Unknown |
| Mayfield Creek 37.7 to 40.4 | 2.7 miles | KY497717_08 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Rural (Residential Areas) |
| Mayfield Creek 37.7 to 40.4 | 2.7 miles | KY497717_08 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/ Siltation | Agriculture, Loss of Riparian Habitat |
| Mayfield Creek 40.4 to 43.3 | 2.9 miles | KY497717_09 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Loss of Riparian Habitat |
| Mayfield Creek 51.65 to 59.5 | 7.85 miles | KY497717_11 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Phosphorus (Total) | Agriculture; Loss of Riparian Habitat |
| McConnell Run 0.0 to 4.4 | 4.4 miles | KY497799_00 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Managed Pasture Grazing |
| McConnell Run 0.0 to 4.4 | 4.4 miles | KY497799_00 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-PS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing |
| McCoy Bluehole Spring (9000- 0792) | 1 miles | KY493284- 212.7_00 | Spring | Green/ Tradewater | Green River | 05110001 | Hart | 5-NS | PCR | Escherichia coli | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| McCoys Fork 0.0 to 2.2 | 2.2 miles | KY497821_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| McGrady Creek 0.0 to 1.9 | 1.9 miles | KY497869_00 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| McNeely Lake | 53 acres | KY497757_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | FC | Methylmercury | Source Unknown |
| Meadow Creek 0.0 to 7.4 | 7.4 miles | KY497981_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access |
| Meadow Creek 0.5 to 3.7 | 3.2 miles | KY513890_01 | River | Kentucky | Kentucky River | 05100203 | Owsley | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat; Non-Point Source |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Specific Conductance | Coal Mining; Loss of Riparian Habitat; Non-Point Source |
| Meathouse Fork 0.0 to 2.9 | 2.9 miles | KY498010_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges |
| Meeting Creek 5.2 to 14.0 | 8.8 miles | KY498030_01 | River | Green/Tradewater | Green River | 05110004 | Hardin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land) |
| Meeting Creek 5.2 to 14.0 | 8.8 miles | KY498030_01 | River | Green/Tradewater | Green River | 05110004 | Hardin | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Mellins Branch 0.0 to 1.5 | 1.5 miles | KY498047_01 | River | Salt/Licking | Salt River | 05140101 | Carroll | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|-----------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Mellins Branch 0.0 to 1.5 | 1.5 miles | KY498047_01 | River | Salt/Licking | Salt River | 05140101 | Carroll | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment) |
| Metropolis Lake | 36 acres | KY498089_00 | Freshwater Lake | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin |
| Metropolis Lake | 36 acres | KY498089_00 | Freshwater Lake | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Oxygen, Dissolved | Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin |
| Middle Branch of North Fork of Little River 1.3 to 3.9 | 2.6 miles | KY498099_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization |
| Middle Branch of North Fork of Little River 1.3 to 3.9 | 2.6 miles | KY498099_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization |
| Middle Creek Levisa Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | 5-PS | PCR | Escherichia coli | Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Middle Creek Levisa Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Middle Creek Levisa Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers |
| Middle Creek Levisa Fork 0.0 to 4.6 | 4.6 miles | KY498108_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Suspended Solids (TSS) | Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers |
| Middle Creek 0.4 to 5.6 | 5.2 miles | KY498106_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Middle Creek 0.4 to 5.6 | 5.2 miles | KY498106_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-PS | WAH | Sedimentation/Siltation | Site Clearance (Land Development or Redevelopment), Silviculture Activities |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers |
| Middle Fork Clarks River 2.7 to 4.8 | 2.1 miles | KY498115_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Middle Fork Clarks River 2.7 to 4.8 | 2.1 miles | KY498115_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-PS | WAH | Sedimentation/Siltation | Agriculture |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|---------------|---|---|
| Middle Fork Creek 0.2 to 6.0 | 5.8 miles | KY498117_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Cause Unknown | Loss of Riparian Habitat; Source Unknown |
| Middle Fork Kentucky River 6.45 to 12.6 | 6.15 miles | KY513931_01 | River | Kentucky | Kentucky River | 05100202 | Lee | 5-PS | PCR | Escherichia coli | Agriculture; Loss of Riparian Habitat |
| Middle Fork Little Sandy River 5.8 to 7.5 | 1.7 miles | KY498129_02 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Cause Unknown | Source Unknown |
| Middle Fork of Beaver Creek 0.0 to 2.3 | 2.3 miles | KY513923_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | McCreary | 5-PS | CAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive) |
| Middle Fork of Beaver Creek 0.0 to 2.3 | 2.3 miles | KY513923_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | McCreary | 5-NS | CAH; PCR; SCR | pH | Impacts from Abandoned Mine Lands (Inactive) |
| Middle Fork of Drakes Creek 0.0 to 7.8 | 7.8 miles | KY498119_01 | River | Green/Tradewater | Green River | 05110002 | Warren | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |
| Middle Fork of Kentucky River 67.9 to 74.6 | 6.7 miles | KY513931_04 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Middle Fork of Kentucky River 67.9 to 74.6 | 6.7 miles | KY513931_04 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland Grazing |
| Middle Fork of Kentucky River 67.9 to 74.6 | 6.7 miles | KY513931_04 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Activities; Reclamation of Inactive Mining; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|--|--|
| Middle Fork of Licking River 0 to 2.5 | 2.5 miles | KY498128_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Middle Fork of Massac Creek 0.0 to 6.4 | 6.4 miles | KY498130_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Agriculture; Crop Production (Crop Land or Dry Land) |
| Middle Fork of Massac Creek 0.0 to 6.4 | 6.4 miles | KY498130_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land) |
| Middle Fork of Richland Creek 0.0 to 1.2 | 1.2 miles | KY498135_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/Siltation | Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining |
| Middle Fork Rockcastle Creek 0.0 to 16.8 | 16.8 miles | KY498137_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining |
| Middle Fork Rockcastle Creek 0.0 to 16.8 | 16.8 miles | KY498137_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining |
| Middle Fork, Kentucky River 61.5 to 64.2 | 2.7 miles | KY513931_03 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Middle Fork, Kentucky River 61.5 to 64.2 | 2.7 miles | KY513931_03 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Mill Creek 0.0 to 11.2 | 11.2 miles | KY498268_00 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|------------------|------------|------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Mill Creek 0.0 to 3.3 | 3.3 miles | KY498258_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Mill Creek 0.0 to 3.3 | 3.3 miles | KY498258_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Total Suspended Solids (TSS) | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Mill Creek 0.0 to 4.2 | 4.2 miles | KY498260_00 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Mill Creek Cutoff 0.0 to 2.4 | 2.4 miles | KY498275_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Mill Spring (9000-1193) | 1 miles | KY499512-38.7_00 | Spring | Green/Tradewater | Green River | 05110001 | Grayson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining |
| Miller Creek 0.0 to 6.4 | 6.4 miles | KY498337_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | WAH | Total Dissolved Solids | Surface Mining |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Mitchell Creek 0.0 to 3.8 | 3.8 miles | KY514033_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Cause Unknown | Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers |
| Mocks Branch 1.6 to 5.7 | 4.1 miles | KY498468_01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Montgomery Creek 0.0 to 6.5 | 6.5 miles | KY498512_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones |
| Montgomery Creek 0.0 to 6.5 | 6.5 miles | KY498512_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas |
| Montgomery Creek 0.0 to 6.5 | 6.5 miles | KY498512_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Site Clearance (Land Development or Redevelopment) |
| Montgomery Creek 0.00 to 11.10 | 11.1 miles | KY498509_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| Moseby Branch 0.0 to 2.2 | 2.2 miles | KY498657_00 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-NS | WAH | Cause Unknown | Source Unknown |
| Mud Creek 0.0 to 2.7 | 2.7 miles | KY498983_00 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Mud Creek 0.0 to 2.7 | 2.7 miles | KY498983_00 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Turbidity | Loss of Riparian Habitat; Streambank Modifications/ Destabilization |

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|------------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Mud Creek 0.0 to 7.8 | 7.8 miles | KY498982_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Fulton | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Mud Creek of Clear Fork 0.0 to 5.2 | 5.2 miles | KY514128_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-PS | WAH | Sedimentation/Siltation | Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment) |
| Mud River 30.9 to 52.2 | 21.3 miles | KY499011_03 | River | Green/Tradewater | Green River | 05110003 | Logan | 5-NS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Mud River 52.2 to 64.0 | 11.8 miles | KY499011_04 | River | Green/Tradewater | Green River | 05110003 | Logan | 5-NS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Mud River 9.1 to 30.9 | 21.8 miles | KY499011_02 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Iron | Source Unknown |
| Mud River 9.1 to 30.9 | 21.8 miles | KY499011_02 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | FC | Mercury in Fish Tissue | Source Unknown |
| Mud River 9.1 to 30.9 | 21.8 miles | KY499011_02 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Mud River 0.0 to 9.1 | 9.1 miles | KY499011_01 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |
| Muddy Creek 0.0 to 20.6 | 20.6 miles | KY514141_01 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Muddy Creek 0.0 to 5.9 | 5.9 miles | KY499036_01 | River | Green/Tradewater | Green River | 05110003 | Butler | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Muddy Creek 1.9 to 4.9 | 3 miles | KY499038_01 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Muddy Creek 5.8 to 9.1 | 3.3 miles | KY499038_02 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|---------------|--------------|------------|--------------------------|----------------------|-------------|----------|----------|-----|---|--|
| Muddy Creek 5.8 to 9.1 | 3.3 miles | KY499038_02 | River | Green/ Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Non-irrigated Crop Production |
| Muddy Creek 8.6 to 15.2 | 6.6 miles | KY499036_02 | River | Green/ Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| Muddy Creek 8.6 to 15.2 | 6.6 miles | KY499036_02 | River | Green/ Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Channelization |
| Muddy Creek 8.6 to 15.2 | 6.6 miles | KY499036_02 | River | Green/ Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Muddy Creek 0.0 to 5.0 | 5 miles | KY499037_01 | River | Green/ Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification |
| Muddy Fork Little River 13.2 to 25.3 | 12.1 miles | KY499043_02 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| Muddy Fork Little River 25.3 to 28.8 | 3.5 miles | KY499043_03 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Cause Unknown | Agriculture; Loss of Riparian Habitat |
| Muncy Creek 2.7 to 4.7 | 2 miles | KY514159_01 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Narge Creek 2.6 to 4.2 | 1.6 miles | KY499173_00 | River | Green/ Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Cause Unknown | Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Nats Creek 0.0 to 3.1 | 3.1 miles | KY499185_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Lawrence | 5-PS | WAH | Sedimentation/ Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------------|------------|-----------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Near Fork Sandsuck Creek 1.1 to 2.0 | 0.9 miles | KY499204_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Cause Unknown | Non-Point Source; Source Unknown |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production |
| Newberry Branch 0.0 to 2.8 | 2.8 miles | KY499417_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-NS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production |
| Newcombe Creek 1.1 to 7.3 | 6.2 miles | KY499428_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/Siltation | Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities |
| Newtons Creek 0.0 to 7.85 | 7.85 miles | KY499457_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Noland Creek 0.05 to 1.2 | 1.15 miles | KY499508_01 | River | Kentucky | Kentucky River | 05100204 | Estill | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Nolynn Spring (9000-2673) | 1 miles | KY499559-1.3_00 | Spring | Green/Tradewater | Green River | 05110001 | Larue | 5-NS | PCR | Escherichia coli | Source Unknown |
| Nolynn Spring (9000-2673) | 1 miles | KY499559-1.3_00 | Spring | Green/Tradewater | Green River | 05110001 | Larue | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| North Benson Creek 0.8 to 1.9 | 1.1 miles | KY499533_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|-------------|--------------|------------|------------------|----------------------|-------------|----------|----------|-----|---|---|
| North Benson Creek 0.8 to 1.9 | 1.1 miles | KY499533_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture |
| North Benson Creek 0.8 to 1.9 | 1.1 miles | KY499533_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Highways, Roads, Bridges, Infrastructure (New Construction) |
| North Branch of South Fork of Panther Creek 0.0 to 4.2 | 4.2 miles | KY499538_00 | River | Green/Tradewater | Green River | 05110005 | Hancock | 5-NS | WAH | Cause Unknown | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification |
| North Elkhorn Creek 44.75 to 66.0 | 21.25 miles | KY499540_03 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Specific Conductance | Agriculture |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Source Unknown |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture |
| North Elkhorn Creek 66.0 to 73.75 | 7.75 miles | KY499540_04 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|-------------|--------------|------------|--------------|----------------------|-------------|---------|----------|-----|-------------------------|--|
| North Fork Currys Fork 0.0 to 6.0 | 6.0 miles | KY499547_01 | River | Salt/Licking | Salt River | 05140102 | Oldham | 5-NS | PCR | Escherichia coli | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| North Fork Kentucky River 145.5 to 147.9 | 2.4 miles | KY514290_14 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production; Urban Runoff/Storm Sewers |
| North Fork Kentucky River 147.9 to 162.0 | 14.1 miles | KY514290_15 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Silviculture Activities; Urban Runoff/Storm Sewers |
| North Fork Licking River 18.55 to 45.5 | 26.95 miles | KY499554_02 | River | Salt/Licking | Licking River | 05100101 | Bracken | 5-NS | PCR | Fecal Coliform | Agriculture |
| North Fork Licking River 18.55 to 45.5 | 26.95 miles | KY499554_02 | River | Salt/Licking | Licking River | 05100101 | Bracken | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| North Fork Licking River 2.3 to 18.55 | 16.25 miles | KY499554_01 | River | Salt/Licking | Licking River | 05100101 | Bracken | 5-NS | PCR | Escherichia coli | Source Unknown |
| North Fork Licking River 12.3 to 13.4 | 1.1 miles | KY514292_02 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| North Fork Licking River 8.5 to 12.3 | 3.8 miles | KY514292_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| North Fork Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| North Fork Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Urban Runoff/Storm Sewers |
| North Fork North Benson Creek 0.0 to 2.2 | 2.2 miles | KY499560_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| North Fork North Benson Creek 0.0 to 2.2 | 2.2 miles | KY499560_00 | River | Kentucky | Kentucky River | 05100205 | Franklin | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| North Fork of Barnett Creek 0.0 to 2.3 | 2.3 miles | KY499541_01 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| North Fork of Little River 7.0 to 10.9 | 3.9 miles | KY499555_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork of Little River 7.0 to 10.9 | 3.9 miles | KY499555_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| North Fork of Little River 7.0 to 10.9 | 3.9 miles | KY499555_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers |
| North Fork of Nolin River 3.0 to 7.0 | 4 miles | KY499559_01 | River | Green/Tradewater | Green River | 05110001 | Larue | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| North Fork of Nolin River 3.0 to 7.0 | 4 miles | KY499559_01 | River | Green/Tradewater | Green River | 05110001 | Larue | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| North Fork of Panther Creek 4.2 to 9.1 | 4.9 miles | KY499562_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| North Fork of Panther Creek 4.2 to 9.1 | 4.9 miles | KY499562_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| North Fork of Panther Creek 4.2 to 9.1 | 4.9 miles | KY499562_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| North Fork of Panther Creek 0.0 to 4.2 | 4.2 miles | KY499562_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Cause Unknown | Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production |
| North Fork Panther Creek 9.7 to 12.7 | 3 miles | KY499562_04 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY499598_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY499598_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Ammonia (Un-ionized) | Municipal Point Source Discharges |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY499598_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Northern Ditch 0.0 to 7.3 | 7.3 miles | KY499598_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Obion Creek 41.0 to 44.4 | 3.4 miles | KY499767_04 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Cause Unknown | Channelization; Source Unknown |
| Obion Creek 44.4 to 49.9 | 5.5 miles | KY499767_05 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-PS | WAH | Sedimentation/Siltation | Channelization; Crop Production (Crop Land or Dry Land) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|---------------|--------------|------------|--------------------------|----------------------|-------------|------------------|----------|-----|---------------------------------------|--|
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | PCR | Escherichia coli | Agriculture |
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Iron | Source Unknown |
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Lead | Source Unknown |
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Obion Creek 33.25 to 36.55 | 3.3 miles | KY499767_03 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Sedimentation/ Siltation | Upstream/Downstream Source |
| Obion Creek 49.9 to 55.7 | 5.8 miles | KY499767_06 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Cause Unknown | Source Unknown |
| Obion Creek 49.9 to 55.7 | 5.8 miles | KY499767_06 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Sedimentation/ Siltation | Agriculture |
| Ohio River 319.4 to 317.4 | 2.0 miles | KY425264_01 | River | Ohio River Mainstem | 319.7 to 317.6 | 05090103 | Boyd | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 319.4 to 317.4 | 2.0 miles | KY425264_01 | River | Ohio River Mainstem | 319.7 to 317.6 | 05090103 | Boyd | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 319.4 to 317.4 | 2.0 miles | KY425264_01 | River | Ohio River Mainstem | 319.7 to 317.6 | 05090103 | Boyd | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 340.8 to 319.4 | 21.4 miles | KY425264_02 | River | Ohio River Mainstem | 341.2 to 319.7 | 05090103 | Boyd, Greenup | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 340.8 to 319.4 | 21.4 miles | KY425264_02 | River | Ohio River Mainstem | 341.2 to 319.7 | 05090103 | Boyd, Greenup | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 340.8 to 319.4 | 21.4 miles | KY425264_02 | River | Ohio River Mainstem | 341.2 to 319.7 | 05090103 | Boyd, Greenup | 5-PS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|--------------------|------------------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 356.6 to 340.8 | 15.8 miles | KY425264_03 | River | Ohio River Mainstem | 356.8 to 341.2 | 05090103 | Greenup | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 356.6 to 340.8 | 15.8 miles | KY425264_03 | River | Ohio River Mainstem | 356.8 to 341.2 | 05090103 | Greenup | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 377.7 to 356.6 | 21.1 miles | KY425264_04 | River | Ohio River Mainstem | 377.7 to 356.8 | 05090103, 05090201 | Greenup, Lewis | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 377.7 to 356.6 | 21.1 miles | KY425264_04 | River | Ohio River Mainstem | 377.7 to 356.8 | 05090103, 05090201 | Greenup, Lewis | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 377.7 to 356.6 | 21.1 miles | KY425264_04 | River | Ohio River Mainstem | 377.7 to 356.8 | 05090103, 05090201 | Greenup, Lewis | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 382.2 to 377.7 | 4.5 miles | KY425264_05 | River | Ohio River Mainstem | 382.2 to 377.7 | 05090201 | Lewis | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 382.2 to 377.7 | 4.5 miles | KY425264_05 | River | Ohio River Mainstem | 382.2 to 377.7 | 05090201 | Lewis | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 388.0 to 382.2 | 5.8 miles | KY425264_06 | River | Ohio River Mainstem | 388.0 to 382.2 | 05090201 | Lewis | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 388.0 to 382.2 | 5.8 miles | KY425264_06 | River | Ohio River Mainstem | 388.0 to 382.2 | 05090201 | Lewis | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 388.0 to 382.2 | 5.8 miles | KY425264_06 | River | Ohio River Mainstem | 388.0 to 382.2 | 05090201 | Lewis | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 437.2 to 388.0 | 49.2 miles | KY425264_07 | River | Ohio River Mainstem | 435.9 to 388.0 | 05090201 | Lewis, Mason, Bracken | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 437.2 to 388.0 | 49.2 miles | KY425264_07 | River | Ohio River Mainstem | 435.9 to 388.0 | 05090201 | Lewis, Mason, Bracken | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 464.5 to 437.2 | 27.3 miles | KY425264_08 | River | Ohio River Mainstem | 463.1 to 435.9 | 05090201, 05090203 | Bracken, Pendleton, Campbell | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 464.5 to 437.2 | 27.3 miles | KY425264_08 | River | Ohio River Mainstem | 463.1 to 435.9 | 05090201, 05090203 | Bracken, Pendleton, Campbell | 5-PS | FC | PCB in Water Column | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|-------------|------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 465.2 to 464.5 | 0.7 miles | KY425264_09 | River | Ohio River Mainstem | 464.8 to 463.1 | 05090203 | Campbell | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 465.2 to 464.5 | 0.7 miles | KY425264_09 | River | Ohio River Mainstem | 464.8 to 463.1 | 05090203 | Campbell | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 465.2 to 464.5 | 0.7 miles | KY425264_09 | River | Ohio River Mainstem | 464.8 to 463.1 | 05090203 | Campbell | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 469.4 to 465.2 | 4.2 miles | KY425264_10 | River | Ohio River Mainstem | 469.0 to 464.8 | 05090203 | Campbell | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 469.4 to 465.2 | 4.2 miles | KY425264_10 | River | Ohio River Mainstem | 469.0 to 464.8 | 05090203 | Campbell | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 471.4 to 469.4 | 2.0 miles | KY425264_11 | River | Ohio River Mainstem | 470.6 to 469.0 | 05090203 | Campbell, Kenton | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 471.4 to 469.4 | 2.0 miles | KY425264_11 | River | Ohio River Mainstem | 470.6 to 469.0 | 05090203 | Campbell, Kenton | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 471.4 to 469.4 | 2.0 miles | KY425264_11 | River | Ohio River Mainstem | 470.6 to 469.0 | 05090203 | Campbell, Kenton | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 475.1 to 471.4 | 3.7 miles | KY425264_12 | River | Ohio River Mainstem | 474.6 to 470.6 | 05090203 | Kenton | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 475.1 to 471.4 | 3.7 miles | KY425264_12 | River | Ohio River Mainstem | 474.6 to 470.6 | 05090203 | Kenton | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 475.1 to 471.4 | 3.7 miles | KY425264_12 | River | Ohio River Mainstem | 474.6 to 470.6 | 05090203 | Kenton | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 477.5 to 475.1 | 2.4 miles | KY425264_13 | River | Ohio River Mainstem | 477.0 to 474.6 | 05090203 | Kenton, Boone | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 477.5 to 475.1 | 2.4 miles | KY425264_13 | River | Ohio River Mainstem | 477.0 to 474.6 | 05090203 | Kenton, Boone | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 477.5 to 475.1 | 2.4 miles | KY425264_13 | River | Ohio River Mainstem | 477.0 to 474.6 | 05090203 | Kenton, Boone | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 488.2 to 477.5 | 10.7 miles | KY425264_14 | River | Ohio River Mainstem | 487.6 to 477.0 | 05090203 | Boone | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 488.2 to 477.5 | 10.7 miles | KY425264_14 | River | Ohio River Mainstem | 487.6 to 477.0 | 05090203 | Boone | 5-PS | FC | PCB in Water Column | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|-------------|--------------|------------|---------------------|----------------------|--------------------|--|----------|-----|---------------------------------|---------------------|
| Ohio River 488.2 to 477.5 | 10.7 miles | KY425264_14 | River | Ohio River Mainstem | 487.6 to 477.0 | 05090203 | Boone | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 593.4 to 488.2 | 105.2 miles | KY425264_15 | River | Ohio River Mainstem | 592.1 to 487.6 | 05090203, 05140101 | Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 593.4 to 488.2 | 105.2 miles | KY425264_15 | River | Ohio River Mainstem | 592.1 to 487.6 | 05090203, 05140101 | Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 595.8 to 593.4 | 2.4 miles | KY425264_16 | River | Ohio River Mainstem | 594.5 to 592.1 | 05140101 | Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 595.8 to 593.4 | 2.4 miles | KY425264_16 | River | Ohio River Mainstem | 594.5 to 592.1 | 05140101 | Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 595.8 to 593.4 | 2.4 miles | KY425264_16 | River | Ohio River Mainstem | 594.5 to 592.1 | 05140101 | Jefferson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 603.1 to 595.8 | 7.3 miles | KY425264_17 | River | Ohio River Mainstem | 601.9 to 594.5 | 05140101 | Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 603.1 to 595.8 | 7.3 miles | KY425264_17 | River | Ohio River Mainstem | 601.9 to 594.5 | 05140101 | Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 605.8 to 603.1 | 2.7 miles | KY425264_18 | River | Ohio River Mainstem | 604.5 to 601.9 | 05140101 | Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 605.8 to 603.1 | 2.7 miles | KY425264_18 | River | Ohio River Mainstem | 604.5 to 601.9 | 05140101 | Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 605.8 to 603.1 | 2.7 miles | KY425264_18 | River | Ohio River Mainstem | 604.5 to 601.9 | 05140101 | Jefferson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 608.7 to 605.8 | 2.9 miles | KY425264_19 | River | Ohio River Mainstem | 607.1 to 604.5 | 05140101 | Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 608.7 to 605.8 | 2.9 miles | KY425264_19 | River | Ohio River Mainstem | 607.1 to 604.5 | 05140101 | Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 608.7 to 605.8 | 2.9 miles | KY425264_19 | River | Ohio River Mainstem | 607.1 to 604.5 | 05140101 | Jefferson | 5-NS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|--------------------|------------------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 614.0 to 608.7 | 5.3 miles | KY425264_20 | River | Ohio River Mainstem | 611.4 to 607.1 | 05140101 | Jefferson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 614.0 to 608.7 | 5.3 miles | KY425264_20 | River | Ohio River Mainstem | 611.4 to 607.1 | 05140101 | Jefferson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 614.0 to 608.7 | 5.3 miles | KY425264_20 | River | Ohio River Mainstem | 611.4 to 607.1 | 05140101 | Jefferson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 676.8 to 614.0 | 62.8 miles | KY425264_21 | River | Ohio River Mainstem | 674.8 to 611.4 | 05140101, 05140104 | Jefferson, Hardin, Meade | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 676.8 to 614.0 | 62.8 miles | KY425264_21 | River | Ohio River Mainstem | 674.8 to 611.4 | 05140101, 05140104 | Jefferson, Hardin, Meade | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 676.8 to 614.0 | 62.8 miles | KY425264_21 | River | Ohio River Mainstem | 674.8 to 611.4 | 05140101, 05140104 | Jefferson, Hardin, Meade | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 676.8 to 614.0 | 62.8 miles | KY425264_21 | River | Ohio River Mainstem | 674.8 to 611.4 | 05140101, 05140104 | Jefferson, Hardin, Meade | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 720.8 to 676.8 | 44.0 miles | KY425264_22 | River | Ohio River Mainstem | 718.1 to 674.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 720.8 to 676.8 | 44.0 miles | KY425264_22 | River | Ohio River Mainstem | 718.1 to 674.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 720.8 to 676.8 | 44.0 miles | KY425264_22 | River | Ohio River Mainstem | 718.1 to 674.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 720.8 to 676.8 | 44.0 miles | KY425264_22 | River | Ohio River Mainstem | 718.1 to 674.8 | 05140104, 05140201 | Meade, Breckinridge, Hancock | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 736.7 to 720.8 | 15.9 miles | KY425264_23 | River | Ohio River Mainstem | 733.8 to 718.1 | 05140201 | Hancock | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 736.7 to 720.8 | 15.9 miles | KY425264_23 | River | Ohio River Mainstem | 733.8 to 718.1 | 05140201 | Hancock | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 736.7 to 720.8 | 15.9 miles | KY425264_23 | River | Ohio River Mainstem | 733.8 to 718.1 | 05140201 | Hancock | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 736.7 to 720.8 | 15.9 miles | KY425264_23 | River | Ohio River Mainstem | 733.8 to 718.1 | 05140201 | Hancock | 5-PS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|--------------------|--------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 756.3 to 736.7 | 19.6 miles | KY425264_24 | River | Ohio River Mainstem | 752.9 to 733.8 | 05140201 | Hancock, Daviess | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 756.3 to 736.7 | 19.6 miles | KY425264_24 | River | Ohio River Mainstem | 752.9 to 733.8 | 05140201 | Hancock, Daviess | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 756.3 to 736.7 | 19.6 miles | KY425264_24 | River | Ohio River Mainstem | 752.9 to 733.8 | 05140201 | Hancock, Daviess | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 756.3 to 736.7 | 19.6 miles | KY425264_24 | River | Ohio River Mainstem | 752.9 to 733.8 | 05140201 | Hancock, Daviess | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 760.6 to 756.3 | 4.3 miles | KY425264_25 | River | Ohio River Mainstem | 757.0 to 752.9 | 05140201 | Daviess | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 760.6 to 756.3 | 4.3 miles | KY425264_25 | River | Ohio River Mainstem | 757.0 to 752.9 | 05140201 | Daviess | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 760.6 to 756.3 | 4.3 miles | KY425264_25 | River | Ohio River Mainstem | 757.0 to 752.9 | 05140201 | Daviess | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 760.6 to 756.3 | 4.3 miles | KY425264_25 | River | Ohio River Mainstem | 757.0 to 752.9 | 05140201 | Daviess | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 776.0 to 760.6 | 15.4 miles | KY425264_26 | River | Ohio River Mainstem | 772.3 to 757.0 | 05140201 | Daviess, Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 776.0 to 760.6 | 15.4 miles | KY425264_26 | River | Ohio River Mainstem | 772.3 to 757.0 | 05140201 | Daviess, Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 776.0 to 760.6 | 15.4 miles | KY425264_26 | River | Ohio River Mainstem | 772.3 to 757.0 | 05140201 | Daviess, Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 776.0 to 760.6 | 15.4 miles | KY425264_26 | River | Ohio River Mainstem | 772.3 to 757.0 | 05140201 | Daviess, Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 789.3 to 776.0 | 13.3 miles | KY425264_27 | River | Ohio River Mainstem | 785.6 to 772.3 | 05140201, 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 789.3 to 776.0 | 13.3 miles | KY425264_27 | River | Ohio River Mainstem | 785.6 to 772.3 | 05140201, 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 789.3 to 776.0 | 13.3 miles | KY425264_27 | River | Ohio River Mainstem | 785.6 to 772.3 | 05140201, 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 789.3 to 776.0 | 13.3 miles | KY425264_27 | River | Ohio River Mainstem | 785.6 to 772.3 | 05140201, 05140202 | Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|-------------|-----------|----------|-----|---------------------------------|---------------------|
| Ohio River 792.1 to 789.3 | 2.8 miles | KY425264_28 | River | Ohio River Mainstem | 788.4 to 785.6 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 792.1 to 789.3 | 2.8 miles | KY425264_28 | River | Ohio River Mainstem | 788.4 to 785.6 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 792.1 to 789.3 | 2.8 miles | KY425264_28 | River | Ohio River Mainstem | 788.4 to 785.6 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 793.2 to 792.1 | 1.1 miles | KY425264_29 | River | Ohio River Mainstem | 789.3 to 788.4 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 793.2 to 792.1 | 1.1 miles | KY425264_29 | River | Ohio River Mainstem | 789.3 to 788.4 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 793.2 to 792.1 | 1.1 miles | KY425264_29 | River | Ohio River Mainstem | 789.3 to 788.4 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 793.2 to 792.1 | 1.1 miles | KY425264_29 | River | Ohio River Mainstem | 789.3 to 788.4 | 05140202 | Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 795.7 to 793.2 | 2.5 miles | KY425264_30 | River | Ohio River Mainstem | 791.9 to 789.3 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 795.7 to 793.2 | 2.5 miles | KY425264_30 | River | Ohio River Mainstem | 791.9 to 789.3 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 795.7 to 793.2 | 2.5 miles | KY425264_30 | River | Ohio River Mainstem | 791.9 to 789.3 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 795.7 to 793.2 | 2.5 miles | KY425264_30 | River | Ohio River Mainstem | 791.9 to 789.3 | 05140202 | Henderson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 799.8 to 795.7 | 4.1 miles | KY425264_31 | River | Ohio River Mainstem | 794.85 to 791.9 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 799.8 to 795.7 | 4.1 miles | KY425264_31 | River | Ohio River Mainstem | 794.85 to 791.9 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 799.8 to 795.7 | 4.1 miles | KY425264_31 | River | Ohio River Mainstem | 794.85 to 791.9 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 799.8 to 795.7 | 4.1 miles | KY425264_31 | River | Ohio River Mainstem | 794.85 to 791.9 | 05140202 | Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|-------------|------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 802.9 to 799.8 | 3.1 miles | KY425264_32 | River | Ohio River Mainstem | 798.9 to 794.85 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 802.9 to 799.8 | 3.1 miles | KY425264_32 | River | Ohio River Mainstem | 798.9 to 794.85 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 802.9 to 799.8 | 3.1 miles | KY425264_32 | River | Ohio River Mainstem | 798.9 to 794.85 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 802.9 to 799.8 | 3.1 miles | KY425264_32 | River | Ohio River Mainstem | 798.9 to 794.85 | 05140202 | Henderson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 820.1 to 802.9 | 17.2 miles | KY425264_33 | River | Ohio River Mainstem | 816.2 to 798.4 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 820.1 to 802.9 | 17.2 miles | KY425264_33 | River | Ohio River Mainstem | 816.2 to 798.4 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 820.1 to 802.9 | 17.2 miles | KY425264_33 | River | Ohio River Mainstem | 816.2 to 798.4 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 820.1 to 802.9 | 17.2 miles | KY425264_33 | River | Ohio River Mainstem | 816.2 to 798.4 | 05140202 | Henderson | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 826.4 to 820.1 | 6.3 miles | KY425264_34 | River | Ohio River Mainstem | 822.5 to 816.2 | 05140202 | Henderson | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 826.4 to 820.1 | 6.3 miles | KY425264_34 | River | Ohio River Mainstem | 822.5 to 816.2 | 05140202 | Henderson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 826.4 to 820.1 | 6.3 miles | KY425264_34 | River | Ohio River Mainstem | 822.5 to 816.2 | 05140202 | Henderson | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 826.4 to 820.1 | 6.3 miles | KY425264_34 | River | Ohio River Mainstem | 822.5 to 816.2 | 05140202 | Henderson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ohio River 846.3 to 826.4 | 19.9 miles | KY425264_35 | River | Ohio River Mainstem | 842.1 to 822.5 | 05140202 | Henderson, Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 846.3 to 826.4 | 19.9 miles | KY425264_35 | River | Ohio River Mainstem | 842.1 to 822.5 | 05140202 | Henderson, Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 846.3 to 826.4 | 19.9 miles | KY425264_35 | River | Ohio River Mainstem | 842.1 to 822.5 | 05140202 | Henderson, Union | 5-PS | FC | PCB in Water Column | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|-----------------------|------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 846.3 to 826.4 | 19.9 miles | KY425264_35 | River | Ohio River Mainstem | 842.1 to 822.5 | 05140202 | Henderson, Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 849.7 to 846.3 | 3.4 miles | KY425264_36 | River | Ohio River Mainstem | 845.6 to 842.1 | 05140202 | Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 849.7 to 846.3 | 3.4 miles | KY425264_36 | River | Ohio River Mainstem | 845.6 to 842.1 | 05140202 | Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 849.7 to 846.3 | 3.4 miles | KY425264_36 | River | Ohio River Mainstem | 845.6 to 842.1 | 05140202 | Union | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 849.7 to 846.3 | 3.4 miles | KY425264_36 | River | Ohio River Mainstem | 845.6 to 842.1 | 05140202 | Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 853.4 to 849.7 | 3.7 miles | KY425264_37 | River | Ohio River Mainstem | 849.4 to 845.6 | 05140202 | Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 853.4 to 849.7 | 3.7 miles | KY425264_37 | River | Ohio River Mainstem | 849.4 to 845.6 | 05140202 | Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 853.4 to 849.7 | 3.7 miles | KY425264_37 | River | Ohio River Mainstem | 849.4 to 845.6 | 05140202 | Union | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 857.6 to 853.4 | 4.2 miles | KY425264_38 | River | Ohio River Mainstem | 853.3 to 849.4 | 05140202; 05140203 | Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 857.6 to 853.4 | 4.2 miles | KY425264_38 | River | Ohio River Mainstem | 853.3 to 849.4 | 05140202; 05140203 | Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 857.6 to 853.4 | 4.2 miles | KY425264_38 | River | Ohio River Mainstem | 853.3 to 849.4 | 05140202; 05140203 | Union | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 857.6 to 853.4 | 4.2 miles | KY425264_38 | River | Ohio River Mainstem | 853.3 to 849.4 | 05140202; 05140203 | Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 862.1 to 857.6 | 4.5 miles | KY425264_39 | River | Ohio River Mainstem | 857.8 to 853.3 | 05140203 | Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 862.1 to 857.6 | 4.5 miles | KY425264_39 | River | Ohio River Mainstem | 857.8 to 853.3 | 05140203 | Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 862.1 to 857.6 | 4.5 miles | KY425264_39 | River | Ohio River Mainstem | 857.8 to 853.3 | 05140203 | Union | 5-PS | FC | PCB in Water Column | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|---------------------|----------------------|-------------|------------------------|----------|-----|---------------------------------|---------------------|
| Ohio River 872.8 to 862.1 | 10.7 miles | KY425264_40 | River | Ohio River Mainstem | 868.3 to 857.8 | 05140203 | Union | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 872.8 to 862.1 | 10.7 miles | KY425264_40 | River | Ohio River Mainstem | 868.3 to 857.8 | 05140203 | Union | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 872.8 to 862.1 | 10.7 miles | KY425264_40 | River | Ohio River Mainstem | 868.3 to 857.8 | 05140203 | Union | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 872.8 to 862.1 | 10.7 miles | KY425264_40 | River | Ohio River Mainstem | 868.3 to 857.8 | 05140203 | Union | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 878.2 to 872.8 | 5.4 miles | KY425264_41 | River | Ohio River Mainstem | 873.25 to 868.3 | 05140203 | Union, Crittenden | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 878.2 to 872.8 | 5.4 miles | KY425264_41 | River | Ohio River Mainstem | 873.25 to 868.3 | 05140203 | Union, Crittenden | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 878.2 to 872.8 | 5.4 miles | KY425264_41 | River | Ohio River Mainstem | 873.25 to 868.3 | 05140203 | Union, Crittenden | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 882.9 to 878.2 | 4.7 miles | KY425264_42 | River | Ohio River Mainstem | 877.9 to 873.25 | 05140203 | Crittenden | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 882.9 to 878.2 | 4.7 miles | KY425264_42 | River | Ohio River Mainstem | 877.9 to 873.25 | 05140203 | Crittenden | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 882.9 to 878.2 | 4.7 miles | KY425264_42 | River | Ohio River Mainstem | 877.9 to 873.25 | 05140203 | Crittenden | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 882.9 to 878.2 | 4.7 miles | KY425264_42 | River | Ohio River Mainstem | 877.9 to 873.25 | 05140203 | Crittenden | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 894.6 to 882.9 | 11.7 miles | KY425264_43 | River | Ohio River Mainstem | 889.45 to 877.9 | 05140203 | Crittenden, Livingston | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 894.6 to 882.9 | 11.7 miles | KY425264_43 | River | Ohio River Mainstem | 889.45 to 877.9 | 05140203 | Crittenden, Livingston | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 894.6 to 882.9 | 11.7 miles | KY425264_43 | River | Ohio River Mainstem | 889.45 to 877.9 | 05140203 | Crittenden, Livingston | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 910.3 to 894.6 | 15.7 miles | KY425264_44 | River | Ohio River Mainstem | 904.85 to 889.45 | 05140203 | Livingston | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|---------------|-----------------|------------|------------------------|----------------------|-------------|--------------------------------------|----------|-----|---------------------------------------|---------------------|
| Ohio River 910.3 to 894.6 | 15.7 miles | KY425264_ 44 | River | Ohio River Mainstem | 904.85 to 889.45 | 05140203 | Livingston | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 910.3 to 894.6 | 15.7 miles | KY425264_ 44 | River | Ohio River Mainstem | 904.85 to 889.45 | 05140203 | Livingston | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 910.3 to 894.6 | 15.7 miles | KY425264_ 44 | River | Ohio River Mainstem | 904.85 to 889.45 | 05140203 | Livingston | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 920.5 to 910.3 | 10.2 miles | KY425264_ 45 | River | Ohio River Mainstem | 915.0 to 904.85 | 05140203 | Livingston | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 920.5 to 910.3 | 10.2 miles | KY425264_ 45 | River | Ohio River Mainstem | 915.0 to 904.85 | 05140203 | Livingston | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 920.5 to 910.3 | 10.2 miles | KY425264_ 45 | River | Ohio River Mainstem | 915.0 to 904.85 | 05140203 | Livingston | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 925.8 to 920.5 | 5.3 miles | KY425264_ 46 | River | Ohio River Mainstem | 919.9 to 915.0 | 05140206 | Livingston | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 925.8 to 920.5 | 5.3 miles | KY425264_ 46 | River | Ohio River Mainstem | 919.9 to 915.0 | 05140206 | Livingston | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 925.8 to 920.5 | 5.3 miles | KY425264_ 46 | River | Ohio River Mainstem | 919.9 to 915.0 | 05140206 | Livingston | 5-PS | FC | PCB in Water Column | Source Unknown |
| Ohio River 925.8 to 920.5 | 5.3 miles | KY425264_ 46 | River | Ohio River Mainstem | 919.9 to 915.0 | 05140206 | Livingston | 5-PS | PCR | Escherichia coli | Source Unknown |
| Ohio River 981.3 to 925.8 | 55.5 miles | KY425264_ 47 | River | Ohio River Mainstem | 974.4 to 919.9 | 05140206 | Livingston, McCracken, Ballard | 5-PS | FC | Dioxin (including 2,3,7,8-TCDD) | Source Unknown |
| Ohio River 981.3 to 925.8 | 55.5 miles | KY425264_ 47 | River | Ohio River Mainstem | 974.4 to 919.9 | 05140206 | Livingston, McCracken, Ballard | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Ohio River 981.3 to 925.8 | 55.5 miles | KY425264_ 47 | River | Ohio River Mainstem | 974.4 to 919.9 | 05140206 | Livingston, McCracken, Ballard | 5-PS | FC | PCB in Water Column | Source Unknown |
| Old Panther Creek 0.4 to 5.3 | 5.3 miles | KY500154_ 01 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Cause Unknown | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|---------------|---|---|
| Old Panther Creek 5.7 to 8.8 | 3.1 miles | KY500154_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Oldfield Fork 0.0 to 3.6 | 3.6 miles | KY499901_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Oil and Grease | Source Unknown |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Temperature, Water | Loss of Riparian Habitat; Source Unknown |
| Oldtown Creek 0.0 to 1.9 | 1.9 miles | KY499914_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-PS | WAH | Turbidity | Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Morgan | 5-NS | PCR; SCR; WAH | pH | Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Morgan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Morgan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Inappropriate Waste Disposal |
| Open Fork 6.4 to 11.3 | 4.9 miles | KY499953_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining |
| Opossum Creek 0.0 to 2.3 | 2.3 miles | KY499959_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Channelization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|---------------|----------------------|-------------|--------|----------|-----|---|---|
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Ammonia (Un-ionized) | Package Plant or Other Permitted Small Flows Discharges |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nitrogen (Total) | Package Plant or Other Permitted Small Flows Discharges |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Phosphorus (Total) | Package Plant or Other Permitted Small Flows Discharges |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Otter Creek 0.0 to 10.7 | 10.7 miles | KY500026_00 | River | Salt/Licking | Salt River | 05140104 | Meade | 5-PS | PCR | Fecal Coliform | Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Otter Creek 0.0 to 2.9 | 2.9 miles | KY500024_01 | River | Salt/Licking | Salt River | 05140103 | Larue | 5-PS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| Otter Creek 0.0 to 6.3 | 6.3 miles | KY500023_00 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Unspecified Urban Stormwater |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Unspecified Urban Stormwater |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater |
| Paddle Creek 0.0 to 1.4 | 1.4 miles | KY500100_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Boyd | 5-NS | WAH | Total Dissolved Solids | Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | CAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | CAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | CAH | Sedimentation/Siltation | Post-development Erosion and Sedimentation; Woodlot Site Clearance |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|-----------------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | CAH | Temperature, Water | Woodlot Site Clearance |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | PCR | Escherichia coli | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste |
| Paint Creek 0.0 to 7.1 | 7.1 miles | KY500114_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | CAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | CAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | CAH | Sedimentation/Siltation | Post-development Erosion and Sedimentation; Woodlot Site Clearance |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | CAH | Temperature, Water | Woodlot Site Clearance |
| Paint Creek 7.1 to 8.3 | 1.2 miles | KY500114_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste |
| Paint Lick Creek 0.0 to 7.5 | 7.5 miles | KY500121_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-PS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| Paintsville Reservoir | 1139 acres | KY509958_00 | Fresh-water Reservoir | Sandy/Tygarts | Big Sandy River | 05070203 | Johnson | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Panther Creek 0.1 to 3.0 | 2.9 miles | KY500157_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

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|----------------------------|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|---|
| Panther Creek 0.1 to 3.0 | 2.9 miles | KY500157_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Panther Creek 0.1 to 3.0 | 2.9 miles | KY500157_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Iron | Surface Mining |
| Panther Creek 0.1 to 3.0 | 2.9 miles | KY500157_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Panther Creek 0.1 to 3.0 | 2.9 miles | KY500157_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Turbidity | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Panther Creek 17.9 to 20.4 | 2.5 miles | KY500157_03 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Phosphorus (Total) | Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown |
| Panther Creek 17.9 to 20.4 | 2.5 miles | KY500157_03 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Streambank Modifications/Destabilization |
| Panther Creek 0.0 to 3.6 | 3.6 miles | KY500156_01 | River | Green/Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access |
| Panther Creek 0.0 to 3.6 | 3.6 miles | KY500156_01 | River | Green/Tradewater | Green River | 05110003 | Butler | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|---------------|-----------------|------------|--------------------------|----------------------|-------------|-----------|----------|-----|-----------------------------|---|
| Panther Creek 3.0 to 5.9 | 2.9 miles | KY500157_ 02 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Agriculture |
| Panther Creek 0.0 to 3.1 | 3.1 miles | KY500155_ 01 | River | Tenn/Miss/ Cumberland | Tennessee River | 6040005 | Graves | 5-NS | PCR | Escherichia coli | Source Unknown |
| Panther Fork 0.0 to 2.95 | 2.95 miles | KY500162_ 01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/ Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |
| Panther Fork 0.0 to 2.95 | 2.95 miles | KY500162_ 01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Other Spill Related Impacts; Surface Mining |
| Pennsylvania Run 0.0 to 3.3 | 3.3 miles | KY500387_ 01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Pennsylvania Run 0.0 to 3.3 | 3.3 miles | KY500387_ 01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | SCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Pennsylvania Run 0.0 to 3.3 | 3.3 miles | KY500387_ 01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Sedimentation/ Siltation | Dredging (e.g., for Navigation Channels); Inappropriate Waste Disposal; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Upstream Impoundments (e.g., PI- 566 NRCS Structures); Urban Runoff/Storm Sewers |
| Peter Creek 0.0 to 5.8 | 5.8 miles | KY500467_ 01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Sedimentation/ Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Pettys Fork 0.0 to 6.1 | 6.1 miles | KY500492_ 00 | River | Green/ Tradewater | Green River | 05110001 | Adair | 5-PS | WAH | Sedimentation/ Siltation | Livestock (Grazing or Feeding Operations) |
| Phillips Creek 0.0 to 5.3 | 5.3 miles | KY500540_ 00 | River | Salt/Licking | Licking River | 05100101 | Campbell | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

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|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Pigeon Creek 0.0 to 3.4 | 3.4 miles | KY500588_00 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Sedimentation/Siltation | Acid Mine Drainage; Non-irrigated Crop Production |
| Pigeon Creek 0.0 to 3.4 | 3.4 miles | KY500588_00 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | WAH | Total Dissolved Solids | Acid Mine Drainage |
| Pigeonroost Creek 0.0 to 3.9 | 3.9 miles | KY500604_00 | River | Green/Tradewater | Tradewater | 05140205 | Crittenden | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Pigeonroost Creek 0.0 to 3.9 | 3.9 miles | KY500604_00 | River | Green/Tradewater | Tradewater | 05140205 | Crittenden | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Pigeonroost Fork 0.0 to 1.3 | 1.3 miles | KY500606_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |
| Pitman Creek 5.4 to 6.0 | 0.6 miles | KY514627_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | PCR | Escherichia coli | Municipal Point Source Discharges |
| Pleasant Grove Creek 0.0 to 2.2 | 2.2 miles | KY500832_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | PCR | Fecal Coliform | Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Pleasant Grove Creek 0.0 to 2.2 | 2.2 miles | KY500832_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Pleasant Grove Creek 0.0 to 2.2 | 2.2 miles | KY500832_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Pleasant Run 0.0 to 2.1 | 2.1 miles | KY500906_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Pleasant Run 4.2 to 6.9 | 2.7 miles | KY500907_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones |
| Pleasant Run 4.2 to 6.9 | 2.7 miles | KY500907_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access |
| Plum Branch 0.0 to 3.9 | 3.9 miles | KY514662_01 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Plum Creek 0.0 to 1.7 | 1.7 miles | KY500964_01 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Chloride | Inappropriate Waste Disposal |
| Plum Creek 0.0 to 1.7 | 1.7 miles | KY500964_01 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Inappropriate Waste Disposal |
| Plum Creek 1.7 to 3.9 | 2.2 miles | KY500964_02 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Plum Creek 1.7 to 3.9 | 2.2 miles | KY500964_02 | River | Green/ Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification |
| Plum Creek 0.0 to 17.8 | 17.8 miles | KY500965_01 | River | Salt/Licking | Salt River | 05140102 | Spencer | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Plum Creek 0.0 to 17.8 | 17.8 miles | KY500965_01 | River | Salt/Licking | Salt River | 05140102 | Spencer | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment) |
| Plum Lick Creek 0.0 to 5.9 | 5.9 miles | KY500972 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source |

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2012 303(d) List

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|----------------------------|------------|--------------|------------|---------------|----------------------|-------------|---------|----------|-----|---|--|
| Plum Lick Creek 0.0 to 5.9 | 5.9 miles | KY500972 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Cause Unknown | Source Unknown; Loss of Riparian Habitat |
| Polls Creek 0.0 to 4.7 | 4.7 miles | KY514679_00 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | PCR | Escherichia coli | Package Plant or Other Permitted Small Flows Discharges |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat, Sewage Discharges in Unsewered Areas |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted), Surface Mining |
| Pond Cr. 0.0 to 9.7 | 9.7 miles | KY501044_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-NS | WAH | Total Suspended Solids (TSS) | Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining |
| Pond Creek 0.0 to 1.5 | 1.5 miles | KY501047_00 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-PS | WAH | Chlorine | Municipal Point Source Discharges |
| Pond Creek 0.0 to 1.5 | 1.5 miles | KY501047_00 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|------------------|----------------------|-------------|------------|----------|-----|---|--|
| Pond Creek 0.0 to 1.5 | 1.5 miles | KY501047_00 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Pond Creek 0.0 to 5.5 | 5.5 miles | KY501043_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining |
| Pond Creek 0.0 to 5.5 | 5.5 miles | KY501043_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Turbidity | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining |
| Pond Creek 14.4 to 18.1 | 3.7 miles | KY501042_05 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Cause Unknown | Source Unknown |
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining; Unrestricted Cattle Access |
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Specific Conductance | Agriculture; Surface Mining |
| Pond Creek 4.95 to 7.5 | 2.55 miles | KY501042_02 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Chloride | Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-----------------------------|---|
| Pond Creek 4.95 to 7.5 | 2.55 miles | KY501042_02 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Inappropriate Waste Disposal; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining |
| Pond Creek 4.95 to 7.5 | 2.55 miles | KY501042_02 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Pond Creek 7.5 to 11.7 | 4.2 miles | KY501042_03 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Chloride | Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Pond Creek 7.5 to 11.7 | 4.2 miles | KY501042_03 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/ Destabilization; Surface Mining |
| Pond Creek 7.5 to 11.7 | 4.2 miles | KY501042_03 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|--------------------------|----------------------|-------------|------------|----------|-----|---|--|
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Jackson | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Municipal Point Source Discharges |
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Jackson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Pond Creek 0.0 to 6.3 | 6.3 miles | KY514692_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Jackson | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Loss of Riparian Habitat |
| Pond Creek 11.7 to 14.4 | 2.7 miles | KY501042_04 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Sedimentation/ Siltation | Coal Mining |
| Pond Creek 11.7 to 14.4 | 2.7 miles | KY501042_04 | River | Green/ Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| Pond Creek/ Southern Ditch 5.1 to 8.1 | 3 miles | KY501046_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater |
| Pond Creek/ Southern Ditch 5.1 to 8.1 | 3 miles | KY501046_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Ammonia (Un- ionized) | Package Plant or Other Permitted Small Flows Discharges |
| Pond Creek/ Southern Ditch 5.1 to 8.1 | 3 miles | KY501046_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Pond Creek/ Southern Ditch 5.1 to 8.1 | 3 miles | KY501046_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| Pond Drain 0.0 to 2.3 | 2.3 miles | KY501049_00 | River | Green/ Tradewater | Green River | 05110006 | McLean | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production |
| Pond Drain 0.0 to 2.3 | 2.3 miles | KY501049_00 | River | Green/ Tradewater | Green River | 05110006 | McLean | 5-PS | WAH | Total Dissolved Solids | Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-------------------------|---|
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Iron | Surface Mining |
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Pond River 1.0 to 20.8 | 19.8 miles | KY501053_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Total Dissolved Solids | Habitat Modification - Other than Hydromodification; Surface Mining |
| Pond River 20.8 to 31.2 | 10.4 miles | KY501053_03 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Coal Mining (Subsurface); Habitat Modification - Other than Hydromodification; Surface Mining |
| Pond River 61.2 to 71.4 | 10.2 miles | KY501053_05 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Pond Run 0.0 to 6.8 | 6.8 miles | KY501057_01 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Poor Fork of Cumberland River 14.9 to 16.3 | 1.4 miles | KY514707_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Sedimentation/Siltation | Rural (Residential Areas), Site Clearance (Land Development or Redevelopment) |
| Poor Fork of Cumberland River 14.9 to 16.3 | 1.4 miles | KY514707_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-PS | WAH | Specific Conductance | Coal Mining |
| Pope Lick Creek 0.0 to 2.1 | 2.1 miles | KY501089_01 | River | Salt/Licking | Salt River | 05140103 | Jefferson | 5-NS | PCR | Escherichia coli | Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Pope Lick Creek 2.1 to 5.5 | 3.4 miles | KY501089_02 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Municipal Point Source Discharges; Unspecified Urban Stormwater |
| Poplar Creek 4.7 to 5.85 | 1.15 miles | KY514710_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | PCR | Escherichia coli | Package Plant or Other Permitted Small Flows Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Poplar Creek 4.7 to 5.85 | 1.15 miles | KY514710_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Ammonia (Total) | Package Plant or Other Permitted Small Flows Discharges |
| Poplar Creek 4.7 to 5.85 | 1.15 miles | KY514710_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Chlorine | Package Plant or Other Permitted Small Flows Discharges |
| Poplar Creek 4.7 to 5.85 | 1.15 miles | KY514710_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Phosphorus (Total) | Package Plant or Other Permitted Small Flows Discharges |
| Potter Fork 0.0 to 4.4 | 4.4 miles | KY501199_00 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Potter Fork 0.0 to 4.4 | 4.4 miles | KY501199_00 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Powder Mill Creek 0.0 to 4.9 | 4.9 miles | KY514748_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-PS | WAH | Cause Unknown | Non-Point Source |
| Pretty Run 0.0 to 8.0 | 8 miles | KY501310_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Cause Unknown | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source |
| Prickly Ash Creek 0.0 to 3.1 | 3.1 miles | KY514770_00 | River | Salt/Licking | Licking River | 05100101 | Bath | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Puncheon Branch 0.0 to 3.6 | 3.6 miles | KY501437_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|---------------|----------------------|-------------|-----------|----------|-----|---|--|
| Puncheon Branch 0.0 to 3.6 | 3.6 miles | KY501437_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Puncheon Branch 0.0 to 3.6 | 3.6 miles | KY501437_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Puncheon Branch 0.0 to 3.6 | 3.6 miles | KY501437_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Puncheon Camp Creek 0.0 to 1.15 | 1.15 miles | KY501442_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Puncheon Camp Creek 0.0 to 3.5 | 3.5 miles | KY501441_00 | River | Kentucky | Kentucky River | 05100202 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| Quicksand Creek 0.0 to 17.0 | 17 miles | KY501481_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-PS | WAH | Turbidity | Coal Mining; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/ Siltation | Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|-----------------------|----------------------|-------------|-----------|----------|-----|--|--|
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining |
| Quicksand Creek 21.7 to 30.8 | 9.1 miles | KY501481_02 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Turbidity | Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining |
| Raccoon Creek 0.0 to 2.3 | 2.3 miles | KY514819_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Jackson | 5-PS | WAH | Cause Unknown | Source Unknown |
| Raccoon Creek 0.0 to 2.7 | 2.7 miles | KY514818_00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Laurel | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access |
| Raccoon Creek 5.6 to 7.4 | 1.8 miles | KY501505_02 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining |
| Raccoon Creek 5.6 to 7.4 | 1.8 miles | KY501505_02 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Raleigh Fork 0.0 to 1.1 | 1.1 miles | KY501540_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Specific Conductance | Coal Mining |
| Raleigh Fork 0.0 to 1.1 | 1.1 miles | KY501540_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Coal Mining |
| Rattlesnake Creek 0.0 to 1.2 | 1.2 miles | KY501593_01 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-NS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|---------------|-----------------|------------|--------------------------|----------------------|-------------|----------|----------|-----|---|--|
| Red Bird River 0.0 to 15.3 | 15.3 miles | KY514862_ 01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | PCR | Fecal Coliform | Agriculture |
| Red Lick Creek 0.0 to 5.0 | 5 miles | KY510193_ 01 | River | Kentucky | Kentucky River | 05100204 | Estill | 5-PS | PCR | Escherichia coli | Source Unknown |
| Red River 50.95 to 54.5 | 3.55 miles | KY501672_ 01 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | PCR | Escherichia coli | Agriculture |
| Red River 54.5 to 56.9 | 2.4 miles | KY501672_ 02 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Rural (Residential Areas) |
| Red River 54.5 to 56.9 | 2.4 miles | KY501672_ 02 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | WAH | Sedimentation/ Siltation | Agriculture; Rural (Residential Areas) |
| Red River 57.0 to 65.8 | 8.8 miles | KY501672_ 03 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | PCR | Escherichia coli | Agriculture |
| Red River 64.1 to 67.6 | 3.5 miles | KY514872_ 04 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| Red River 65.8 to 74.3 | 8.5 miles | KY501672_ 04 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/ Destabilization |
| Red River 70.0 to 83.9 | 13.9 miles | KY514872_ 05 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Managed Pasture Grazing |
| Red River 74.3 to 81.3 | 7 miles | KY501672_ 05 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Simpson | 5-PS | WAH | Cause Unknown | Source Unknown |
| Red River 89.5 to 93.4 | 3.9 miles | KY514872_ 06 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land) |
| Reeves Branch 0.0 to 0.3 | 0.3 miles | KY501706_ 00 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | WAH | Cause Unknown | Source Unknown |
| Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 | 3 miles | KY497716_ 01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Sedimentation/ Siltation | Agriculture |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|--------------|-----------------|------------|--------------------------|----------------------|-------------|------------|----------|-----|---|---|
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_ 00 | River | Green/ Tradewater | Green River | 05110003 | Ohio | 5-NS | WAH | Sedimentation/ Siltation | Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation; Surface Mining |
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_ 00 | River | Green/ Tradewater | Green River | 05110003 | Ohio | 5-NS | WAH | Total Dissolved Solids | Acid Mine Drainage; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_ 01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_ 01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Renfro Creek 0.0 to 3.1 | 3.1 miles | KY514888_ 01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers |
| Rhodes Creek 0.0 to 1.9 | 1.9 miles | KY501760_ 00 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/ Siltation | Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Rhodes Creek 0.0 to 2.2 | 2.2 miles | KY501759_ 01 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|---------------|---|---|
| Rhodes Creek 2.2 to 7.5 | 5.3 miles | KY501759_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production |
| Rhodes Creek 2.2 to 7.5 | 5.3 miles | KY501759_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |
| Rhodes Creek 2.2 to 7.5 | 5.3 miles | KY501759_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Richland Creek 0.0 to 0.8 | 0.8 miles | KY501823_00 | River | Kentucky | Kentucky River | 05100205 | Owen | 5-PS | WAH | Sedimentation/Siltation | Specialty Crop Production |
| Richland Creek 0.0 to 4.5 | 4.5 miles | KY501821_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Managed Pasture Grazing |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Iron | Coal Mining; Non-Point Source |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Urban Runoff/Storm Sewers |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Non-Point Source |
| Richland Slough 0.0 to 3.95 | 3.95 miles | KY501825_00 | River | Green/Tradewater | Green River | 05110005 | Henderson | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Non-irrigated Crop Production |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | PCR; SCR; WAH | pH | Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Inappropriate Waste Disposal; Loss of Riparian Habitat |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------------|------------|--------------|------------|---------------|----------------------|-------------|--------|----------|-----|---|--|
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Inappropriate Waste Disposal; Loss of Riparian Habitat |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 30.3 to 33.4 | 3.1 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Right Fork Beaver Creek 30.3 to 33.4 | 3.1 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Right Fork Beaver Creek 30.3 to 33.4 | 3.1 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining |
| Right Fork Beaver Creek 30.3 to 33.4 | 3.1 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|---------------|----------------------|-------------|--------|----------|-----|---|---|
| Right Fork Beaver Creek 30.3 to 33.4 | 3.1 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 17.4 to 23.3 | 5.9 miles | KY501863_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| Right Fork Beaver Creek 17.4 to 23.3 | 5.9 miles | KY501863_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 17.4 to 23.3 | 5.9 miles | KY501863_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 23.3 to 30.3 | 7 miles | KY501863_03 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges |
| Right Fork Beaver Creek 23.3 to 30.3 | 7 miles | KY501863_03 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 23.3 to 30.3 | 7 miles | KY501863_03 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 33.4 to 37.9 | 4.5 miles | KY501863_05 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Right Fork Beaver Creek 33.4 to 37.9 | 4.5 miles | KY501863_05 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Beaver Creek 33.4 to 37.9 | 4.5 miles | KY501863_05 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Right Fork Lacy Creek 0.0 to 2.2 | 2.2 miles | KY501894_01 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|---------------|----------------------|-------------|------------|----------|-----|------------------------|---|
| Right Fork of Panther Fork 0.0 to 1.05 | 1.05 miles | KY501915_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| Right Fork of Whitecabin Branch 0.0 to 1.1 | 1.1 miles | KY501938_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| Righthand Fork 0.0 to 2.0 | 2 miles | KY501946_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Righthand Fork 0.0 to 2.0 | 2 miles | KY501946_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Road Run 0.0 to 7.1 | 7.1 miles | KY502031_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Phosphorus (Total) | Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|---------------|---|---|
| Road Run 0.0 to 7.1 | 7.1 miles | KY502031_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Sedimentation/Siltation | Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source) |
| Roaring Paunch Creek 7.8 to 15.6 | 7.8 miles | KY514993_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | PCR; SCR; WAH | pH | Acid Mine Drainage; Legacy Coal Extraction |
| Rob Fork 0.0 to 1.0 | 1 miles | KY502049_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining |
| Rob Fork 0.0 to 1.0 | 1 miles | KY502049_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Specific Conductance | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |
| Robinson Creek 9.8 to 11.0 | 1.2 miles | KY502090_01 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Non-Point Source |
| Robinson Creek 9.8 to 11.0 | 1.2 miles | KY502090_01 | River | Green/Tradewater | Green River | 05110001 | Taylor | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Non-Point Source |
| Rock Creek 0.0 to 4.3 | 4.3 miles | KY515024_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130104 | McCreary | 5-NS | WAH | Cause Unknown | Source Unknown |
| Rock Creek 16.5 to 21.5 | 5 miles | KY515024_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130104 | McCreary | 5-PS | FC | Methylmercury | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|---------------|----------------------|-------------|--------|----------|-----|---|--|
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Rock Fork 0.0 to 7.0 | 7 miles | KY502115_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Rock Fork 0.0 to 4.0 | 4 miles | KY515026_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land) |
| Rock Fork 0.0 to 4.0 | 4 miles | KY515026_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels) |
| Rockcastle Creek 13.25 to 15.3 | 2.05 miles | KY502158_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Sand/Gravel/Rock Mining or Quarries; Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|---------------|----------------------|-------------|----------|----------|-----|------------------------------|--|
| Rockcastle Creek 3.7 to 13.25 | 9.55 miles | KY502158_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater |
| Rockcastle Creek 3.7 to 13.25 | 9.55 miles | KY502158_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Surface Mining; Unspecified Urban Stormwater |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-NS | PCR | Escherichia coli | Non-Point Source; Rural (Residential Areas) |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Sedimentation/Siltation | Post-development Erosion and Sedimentation; Surface Mining |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Specific Conductance | Surface Mining |
| Rockcastle Creek 0.0 to 3.7 | 3.7 miles | KY502158_01 | River | Sandy/Tygarts | Big Sandy River | 05070204 | Lawrence | 5-PS | WAH | Total Suspended Solids (TSS) | Post-development Erosion and Sedimentation; Surface Mining |
| Rockhouse Creek 0.0 to 3.6 | 3.6 miles | KY502192_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-NS | PCR | Fecal Coliform | Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|---------------|----------------------|-------------|---------|----------|-----|-------------------------|---|
| Rockhouse Creek 0.0 to 3.6 | 3.6 miles | KY502192_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Rockhouse Creek 0.0 to 3.6 | 3.6 miles | KY502192_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-PS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining |
| Rockhouse Creek 0.0 to 3.6 | 3.6 miles | KY502192_01 | River | Kentucky | Kentucky River | 05100201 | Letcher | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Rockhouse Fork 0.0 to 2.1 | 2.1 miles | KY502201_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-Point Source |
| Rockhouse Fork 0.0 to 2.1 | 2.1 miles | KY502201_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-PS | WAH | Specific Conductance | Coal Mining |
| Rockhouse Fork 0.0 to 6.4 | 6.4 miles | KY502205_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-Point Source; Post-development Erosion and Sedimentation; Surface Mining |
| Rockhouse Fork 0.0 to 6.4 | 6.4 miles | KY502205_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Specific Conductance | Loss of Riparian Habitat; Non-Point Source; Surface Mining |
| Rockhouse Fork 0.0 to 6.4 | 6.4 miles | KY502205_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Surface Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|-------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|-------------------------|--|
| Rocky Branch 0.0 to 3.2 | 3.2 miles | KY502230_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater |
| Rocky Branch 0.0 to 3.2 | 3.2 miles | KY502230_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Total Dissolved Solids | Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater |
| Rocky Run 0.0 to 2.3 | 2.3 miles | KY502264_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access |
| Rolling Fork 0.0 to 37.75 | 37.75 miles | KY502293_01 | River | Salt/Licking | Salt River | 05140103 | Bullitt | 5-NS | PCR | Escherichia coli | Source Unknown |
| Rose Fork 0.0 to 3.1 | 3.1 miles | KY502332_01 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | River | Green/Tradewater | Green River | 05110004 | McLean | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | River | Green/Tradewater | Green River | 05110004 | McLean | 5-PS | SCR | Fecal Coliform | Source Unknown |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | River | Green/Tradewater | Green River | 05110004 | McLean | 5-NS | WAH | Iron | Source Unknown |
| Rough River 0.0 to 10.4 | 10.4 miles | KY502390_01 | River | Green/Tradewater | Green River | 05110004 | McLean | 5-NS | WAH | Lead | Source Unknown |
| Rough River 125.2 to 149.4 | 24.2 miles | KY502390_06 | River | Green/Tradewater | Green River | 05110004 | Hardin | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Rough River 55.1 to 64.3 | 9.2 miles | KY502390_04 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Rough River 55.1 to 64.3 | 9.2 miles | KY502390_04 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-NS | SCR | Fecal Coliform | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Rough River 55.1 to 64.3 | 9.2 miles | KY502390_04 | River | Green/Tradewater | Green River | 05110004 | Ohio | 5-NS | WAH | Iron | Source Unknown |
| Rough River Reservoir | 5100 acres | KY502353_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110004 | Hardin | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| Roundstone Creek 0.0 to 10.9 | 10.9 miles | KY515136_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | PCR | Escherichia coli | Source Unknown |
| Roundstone Creek 17.1 to 23.9 | 6.8 miles | KY515136_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Roundstone Creek 17.1 to 23.9 | 6.8 miles | KY515136_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-NS | WAH | Oxygen, Dissolved | Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Roundstone Creek 17.1 to 23.9 | 6.8 miles | KY515136_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production |
| Royal Spring 0.0 to 0.7 | 0.7 miles | KY502438_01 | Spring | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Nitrogen (Total) | Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Royal Spring 0.0 to 0.7 | 0.7 miles | KY502438_01 | Spring | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| Running Slough 0.3 to 15.7 | 15.4 miles | KY502469_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010202 | Fulton | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| Running Slough 0.3 to 15.7 | 15.4 miles | KY502469_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010202 | Fulton | 5-PS | WAH | Turbidity | Crop Production (Crop Land or Dry Land) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Ryans Creek 0.0 to 5.7 | 5.7 miles | KY515156_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Total Suspended Solids (TSS) | Surface Mining |
| Sadler Creek 0.0 to 2.4 | 2.4 miles | KY515171_01 | River | Green/Tradewater | Ohio River | 05140203 | Livingston | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Rural (Residential Areas) |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Salisbury Branch 0.0 to 1.8 | 1.8 miles | KY502805_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Sallys Branch 0.00 to 2.90 | 2.9 miles | KY515184_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Escherichia coli | Source Unknown |
| Salt Lick Creek 0.0 to 1.4 | 1.4 miles | KY502826_00 | River | Green/Tradewater | Green River | 05110002 | Warren | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Salt Lick Creek 0.0 to 1.4 | 1.4 miles | KY502826_00 | River | Green/Tradewater | Green River | 05110002 | Warren | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Nitrogen (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Phosphorus (Total) | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|-------------|--------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Salt Lick Creek 0.2 to 7.2 | 7 miles | KY502828_01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/Parkland |
| Salt Lick Creek 3.0 to 8.0 | 5 miles | KY515191_01 | River | Salt/Licking | Licking River | 05100101 | Bath | 5-PS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Rangeland Grazing |
| Salt River 11.7 to 25.9 | 14.2 miles | KY502830_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | FC | Methylmercury | Source Unknown |
| Salt River 11.7 to 25.9 | 14.2 miles | KY502830_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | Source Unknown |
| Salt River 11.7 to 25.9 | 14.2 miles | KY502830_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| Salt River 111.9 to 135.25 | 23.35 miles | KY502830_07 | River | Salt/Licking | Salt River | 05140102 | Mercer | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Non-Point Source |
| Salt River 77.8 to 88.8 | 11 miles | KY502830_05 | River | Salt/Licking | Salt River | 05140102 | Anderson | 5-NS | PCR | Escherichia coli | Source Unknown |
| Salt River of Sixmile Creek 0.0 to 4.5 | 4.5 miles | KY502831_01 | River | Kentucky | Kentucky River | 05100205 | Henry | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Sam Branch 0.0 to 0.5 | 0.5 miles | KY502871_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat |
| Sampson Branch 0.0 to 4.70 | 4.7 miles | KY515208_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Escherichia coli | Source Unknown |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Sand Lick Creek 0.0 to 4.0 | 4 miles | KY502963_00 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-PS | WAH | Cause Unknown | Source Unknown |
| Sand Lick Fork 0.0 to 5.3 | 5.3 miles | KY515225_01 | River | Kentucky | Kentucky River | 05100204 | Powell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Scenic Lake | 18 acres | KY503039_00 | Fresh-water Reservoir | Green/Tradewater | Ohio River | 05140202 | Henderson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Contaminated Sediments; Internal Nutrient Recycling |
| Schultz Creek 4.7 to 7.5 | 2.8 miles | KY503068_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat |
| Scott Creek 2.1 to 3.9 | 1.8 miles | KY515299_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-NS | WAH | Cause Unknown | Source Unknown |
| Scrubgrass Creek 0.0 to 1.6 | 1.6 miles | KY503123_00 | River | Salt/Licking | Licking River | 05100101 | Nicholas | 5-NS | WAH | Cause Unknown | Source Unknown |
| Sexton Creek 0.1 to 17.2 | 17.1 miles | KY515329_01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related) |
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges |
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges |
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges |
| Shawnee Creek 0.0 to 3.2 | 3.2 miles | KY503285_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Natural Sources |
| Shawnee Creek 3.2 to 12.4 | 9.2 miles | KY503285_02 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|---------------------------|-----------------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Creek_Slough_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Iron | Source Unknown |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Creek_Slough_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Lead | Source Unknown |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Creek_Slough_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources |
| Shawnee Creek Slough 0.0 to 3.7 | 3.7 miles | KYShawnee_Creek_Slough_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010100 | Ballard | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | PCR | Escherichia coli | Source Unknown |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Specific Conductance | Surface Mining |
| Shelby Creek 0.0 to 6.0 | 6 miles | KY503319_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Total Dissolved Solids | Surface Mining |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319_02 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Channelization; Loss of Riparian Habitat |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319_02 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Channelization; Loss of Riparian Habitat |
| Shelby Creek 6.0 to 13.3 | 7.3 miles | KY503319_02 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Surface Mining |
| Shelby Lake | 17 acres | KY503322_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Internal Nutrient Recycling |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|-------------|--------------|------------|----------------------|----------------------|-------------|--------------|----------|-----|---|--|
| Short Creek 0.0 to 5.0 | 5 miles | KY503442_01 | River | Salt/Licking | Salt River | 05140103 | Washington | 5-PS | WAH | Cause Unknown | Source Unknown |
| Silver Creek 11.1 to 29.8 | 18.7 miles | KY503507_02 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Iron | Coal Mining |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted) |
| Sims Fork 0.0 to 5.2 | 5.2 miles | KY515430_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Sims Fork 0.0 to 5.2 | 5.2 miles | KY515430_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |
| Sinking Creek 15.4 to 39.75 | 24.35 miles | KY515434_03 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | PCR | Fecal Coliform | Agriculture; Municipal Point Source Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|--------------|----------|-----|---|--|
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | CAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | CAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-PS | CAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Sinking Creek 8.7 to 15.4 | 6.7 miles | KY515434_02 | River | Salt/Licking | Salt River | 05140104 | Breckinridge | 5-NS | PCR | Fecal Coliform | Agriculture; Municipal Point Source Discharges |
| Sinking Creek 13.35 to 17.65 | 4.3 miles | KY515433_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Cause Unknown | Non-Point Source; Urban Runoff/Storm Sewers |
| Sinking Fork 13.6 to 16.8 | 3.2 miles | KY503569_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Sinking Fork 13.6 to 16.8 | 3.2 miles | KY503569_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Source Unknown |
| Sinking Fork 31.0 to 32.7 | 1.7 miles | KY503569_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat |
| Sinking Fork Little River 2.1 to 5.55 | 3.45 miles | KY503569_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | PCR | Escherichia coli | Source Unknown |
| Sinking Fork Little River 2.1 to 5.55 | 3.45 miles | KY503569_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Sizemore Branch 0.0 to 2.0 | 2 miles | KY503590_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|-------------|------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|---|
| Sizemore Branch 0.0 to 2.0 | 2 miles | KY503590_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Skaggs Creek 12.7 to 23.5 | 10.8 miles | KY503595_01 | River | Green/Tradewater | Green River | 05110002 | Barren | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Skees KW#1 (9000-1398) | 1 miles | KY499512-79.0_00 | Spring | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | PCR | Escherichia coli | Source Unknown |
| Skees KW#1 (9000-1398) | 1 miles | KY499512-79.0_00 | Spring | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Skegg Creek 0.0 to 3.3 | 3.3 miles | KY515451_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Source Unknown |
| Skegg Creek 0.0 to 3.3 | 3.3 miles | KY515451_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | 5-PS | WAH | Sedimentation/Siltation | Source Unknown |
| Skinframe Creek 0.0 to 4.8 | 4.8 miles | KY503607_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | CAH | Cause Unknown | Source Unknown |
| Skinner Creek 0.0 to 5.9 | 5.9 miles | KY503615_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| Slate Creek 0.0 to 13.55 | 13.55 miles | KY515470_01 | River | Salt/Licking | Licking River | 05100101 | Bath | 5-PS | PCR | Fecal Coliform | Source Unknown |
| Slate Creek 0.0 to 13.55 | 13.55 miles | KY515470_01 | River | Salt/Licking | Licking River | 05100101 | Bath | 5-PS | WAH | Cause Unknown | Source Unknown |
| Slate Creek 52.9 to 57.15 | 4.25 miles | KY515470_05 | River | Salt/Licking | Licking River | 05100101 | Menifee | 5-PS | WAH | Cause Unknown | Source Unknown |
| Smith Branch 0.00 to 1.05 | 1.05 miles | KY1270575_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-PS | WAH | Cause Unknown | Agriculture; Loss of Riparian Habitat |
| Smith Branch 0.7 to 2.5 | 1.8 miles | KY503736_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |
| Smith Branch 0.7 to 2.5 | 1.8 miles | KY503736_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |
| Smith Creek 2.0 to 4.3 | 2.3 miles | KY503783_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations) |
| Smith Creek 2.0 to 4.3 | 2.3 miles | KY503783_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Temperature, Water | Source Unknown |
| Snag Creek 0.5 to 5.5 | 5 miles | KY503833_00 | River | Salt/Licking | Ohio River | 05090201 | Bracken | 5-NS | PCR | Fecal Coliform | Source Unknown |

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat; Source Unknown |
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Loss of Riparian Habitat; Source Unknown |
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat |
| South Elkhorn Creek 34.5 to 52.7 | 18.2 miles | KY503901_03 | River | Kentucky | Kentucky River | 05100205 | Woodford | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat |
| South Fork Bayou de Chien 2.0 to 7.4 | 5.4 miles | KY503904_02 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land) |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| South Fork Beargrass Creek 2.7 to 13.6 | 10.9 miles | KY503905_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|--------------|----------------------|-------------|-----------|----------|-----|---|--|
| South Fork Beargrass Creek 2.7 to 13.6 | 10.9 miles | KY503905_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| South Fork Currys Fork 0.0 to 6.1 | 6.1 miles | KY503919_01 | River | Salt/Licking | Salt River | 05140102 | Oldham | 5-NS | PCR | Escherichia coli | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges |
| South Fork Gunpowder Creek 4.1 to 6.8 | 2.7 miles | KY503926_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Package Plant or Other Permitted Small Flows Discharges |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment) |
| South Fork Gunpowder Creek 0.0 to 2.0 | 2 miles | KY503926_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Turbidity | Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| South Fork Kentucky River 11.75 to 18.9 | 7.15 miles | KY515545_01 | River | Kentucky | Kentucky River | 05100203 | Owsley | 5-NS | PCR | Escherichia coli | Source Unknown |
| South Fork Licking River 11.6 to 16.95 | 5.35 miles | KY503932_03 | River | Salt/Licking | Licking River | 05100102 | Pendleton | 5-NS | PCR | Escherichia coli | Source Unknown |
| South Fork of Beaver Creek 0.0 to 3.2 | 3.2 miles | KY503906_01 | River | Green/Tradewater | Green River | 05110002 | Barren | 5-PS | WAH | Cause Unknown | Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown |
| South Fork of Bayou de Chien 0.0 to 2.0 | 2 miles | KY503904_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| South Fork of Bayou de Chien 0.0 to 2.0 | 2 miles | KY503904_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat |
| South Fork of Colliers Creek 0.0 to 1.9 | 1.9 miles | KY485700_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Specific Conductance | Coal Mining; Legacy Coal Extraction |
| South Fork of Colliers Creek 0.0 to 1.9 | 1.9 miles | KY485700_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Letcher | 5-PS | WAH | Total Dissolved Solids | Coal Mining; Legacy Coal Extraction |
| South Fork of Little Barren River 23.1 to 30.1 | 7 miles | KY503933_02 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| South Fork of Panther Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| South Fork of Panther Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| South Fork of Panther Creek 0.0 to 2.4 | 2.4 miles | KY503939_01 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/ Siltation | Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization |
| South Fork of Panther Creek 14.0 to 18.3 | 4.3 miles | KY503939_04 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Source Unknown |
| South Fork of Panther Creek 2.4 to 9.55 | 7.15 miles | KY503939_02 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | WAH | Cause Unknown | Source Unknown |
| South Fork of Panther Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-NS | PCR | Fecal Coliform | Managed Pasture Grazing |
| South Fork of Panther Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|-----------------------|----------------------|-------------|-----------|----------|-----|--|--|
| South Fork of Panther Creek 9.55 to 14.0 | 4.45 miles | KY503939_03 | River | Green/ Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/ Siltation | Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production |
| South Fork of Rockcastle River 21.2 to 29.1 | 7.9 miles | KY515548_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining |
| South Fork of Rockcastle River 21.2 to 29.1 | 7.9 miles | KY515548_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining |
| South Fork Quicksand Creek 0.0 to 16.9 | 16.9 miles | KY503941_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| South Fork Quicksand Creek 0.0 to 16.9 | 16.9 miles | KY503941_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Petroleum/Natural Gas Production Activities (Permitted); Surface Mining |
| South Fork Ruin Creek 0.7 to 5.5 | 4.8 miles | KY503975_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Elliott | 5-NS | WAH | Sedimentation/ Siltation | Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction) |
| South Long Run 0.0 to 3.35 | 3.35 miles | KY503961_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Escherichia coli | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|-----------|----------|---------------|---|---|
| Southern Ditch 0.0 to 5.9 | 5.9 miles | KY503998_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Spa Lake | 240 acres | KYCLN005_00 | Fresh-water Reservoir | Green/Tradewater | Green River | 05110003 | Logan | 5-PS | SCR | Sedimentation/Siltation | Natural Sources |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Cause Unknown | Source Unknown |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing |
| Spears Creek 1.0 to 6.2 | 5.2 miles | KY504043_01 | River | Kentucky | Kentucky River | 05100205 | Boyle | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/ Destabilization |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | PCR; SCR; WAH | pH | Coal Mining; Petroleum/Natural Gas Activities |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Cause Unknown | Coal Mining; Petroleum/Natural Gas Activities |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Suspended Solids (TSS) | Coal Mining; Petroleum/Natural Gas Activities |
| Spring Creek 0.0 to 2.0 | 2 miles | KY504124_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

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|-----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-------------------------|---|
| Spring Creek 0.0 to 2.0 | 2 miles | KY504124_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization |
| Spring Creek 3.0 to 3.5 | 0.5 miles | KY504129_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | 5-NS | WAH | Cause Unknown | Loss of Riparian Habitat |
| Spring Creek 3.6 to 5.4 | 1.8 miles | KY504124_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Spring Fork 3.1 to 6.9 | 3.8 miles | KY504137_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Spring Fork 3.1 to 6.9 | 3.8 miles | KY504137_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining |
| Spring Fork 3.1 to 6.9 | 3.8 miles | KY504137_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Spruce Creek 0.0 to 1.7 | 1.7 miles | KY515617_01 | River | Salt/Licking | Licking River | 05100101 | Montgomery | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones |
| Spruce Pine Fork 0.0 to 1.4 | 1.4 miles | KY504179_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Rural (Residential Areas) |
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Spurlock Creek 0.6 to 4.0 | 3.4 miles | KY504191_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Spurlock Creek 0.6 to 4.0 | 3.4 miles | KY504191_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Sputzman Creek 1.3 to 4.4 | 3.1 miles | KY504196_00 | River | Green/Tradewater | Green River | 05110005 | Henderson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) |
| Squabble Creek 0.0 to 4.7 | 4.7 miles | KY515639_01 | River | Kentucky | Kentucky River | 05100202 | Perry | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Surface Mining |
| Squabble Creek 0.0 to 4.7 | 4.7 miles | KY515639_01 | River | Kentucky | Kentucky River | 05100202 | Perry | 5-PS | WAH | Total Dissolved Solids | Site Clearance (Land Development or Redevelopment); Surface Mining |
| State Road Fork 0.0 to 1.4 | 1.4 miles | KY504284_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| State Road Fork 0.0 to 1.4 | 1.4 miles | KY504284_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |

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

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

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|---------------|--------------|------------|--------------------------|----------------------|-------------|----------|----------|-----|-----------------------------|---|
| Stinking Creek 0.0 to 2.1 | 2.1 miles | KY515716_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Non-irrigated Crop Production; Petroleum/Natural Gas Activities; Surface Mining |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Chloride | Petroleum/Natural Gas Activities |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/ Siltation | Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities |
| Stinking Creek 11.3 to 17.6 | 6.3 miles | KY515716_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| Stinnett Creek 1.3 to 4.7 | 3.4 miles | KY515718_01 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-NS | WAH | Sedimentation/ Siltation | Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment) |
| Stinson Creek 0.0 to 3.3 | 3.3 miles | KY504434_01 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-NS | WAH | Sedimentation/ Siltation | Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Stoner Creek 0.0 to 5.55 | 5.55 miles | KY504482_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Source Unknown |
| Stoner Creek 17.3 to 30.1 | 12.8 miles | KY504482_04 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | PCR | Escherichia coli | Animal Feeding Operations; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access |

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|---------------|--------------|------------|--------------------------|----------------------|-------------|---------|----------|-----|-----------------------------|---|
| Straight Creek 0.0 to 1.8 | 1.8 miles | KY504549_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Sedimentation/ Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Straight Creek 0.0 to 1.8 | 1.8 miles | KY504549_00 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Straight Creek 0.0 to 3.8 | 3.8 miles | KY504550_01 | River | Sandy/ Tygarts | Little Sandy River | 05090104 | Carter | 5-PS | WAH | Sedimentation/ Siltation | Non-irrigated Crop Production; Silviculture Harvesting |
| Straight Creek 1.7 to 23.3 | 21.6 miles | KY515746_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Sedimentation/ Siltation | Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining |
| Straight Creek 1.7 to 23.3 | 21.6 miles | KY515746_02 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Bell | 5-PS | WAH | Specific Conductance | Surface Mining |
| Straight Fork 0.0 to 1.1 | 1.1 miles | KY504559_01 | River | Sandy/ Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Specific Conductance | Surface Mining |
| Stratton Branch 0.4 to 2.1 | 1.7 miles | KY504571_01 | River | Sandy/ Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Surface Mining |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | PCR | Escherichia coli | Agriculture; Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | PCR | Fecal Coliform | Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|--------------|------------|--------------|----------------------|-------------|---------|----------|-----|---|--|
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater |
| Strodes Creek 2.7 to 7.9 | 5.2 miles | KY504593_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Sedimentation/ Siltation | Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction) |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Fecal Coliform | Agriculture; Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | SCR | Fecal Coliform | Agriculture; Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater |
| Strodes Creek 7.9 to 19.3 | 11.4 miles | KY504593_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Sedimentation/ Siltation | Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction) |

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|-------------|--------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| Sugar Creek 1.3 to 1.9 | 0.6 miles | KY504654_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| Sugar Creek 2.2 to 6.9 | 4.7 miles | KY504655_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | 5-PS | WAH | Cause Unknown | Loss of Riparian Habitat; Non-Point Source |
| Sugar Creek 4.8 to 6.0 | 1.2 miles | KY504657_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related) |
| Sugg Creek 0.0 to 1.3 | 1.3 miles | KY504712_00 | River | Green/Tradewater | Ohio River | 05140203 | Union | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Sugg Creek 0.0 to 1.3 | 1.3 miles | KY504712_00 | River | Green/Tradewater | Ohio River | 05140203 | Union | 5-NS | WAH | Turbidity | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Sulphur Creek 0.0 to 1.4 | 1.4 miles | KY504735_00 | River | Kentucky | Kentucky River | 05100205 | Henry | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Sulphur Creek 0.0 to 1.4 | 1.4 miles | KY504735_00 | River | Kentucky | Kentucky River | 05100205 | Henry | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Habitat Modification - Other than Hydromodification |
| Sulphur Creek 0.0 to 10.0 | 10 miles | KY504729_01 | River | Salt/Licking | Salt River | 05140103 | Anderson | 5-PS | PCR | Escherichia coli | Non-Point Source |
| Sunfish Creek 6.8 to 10.3 | 3.5 miles | KY504792_00 | River | Green/Tradewater | Green River | 05110001 | Grayson | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Sweepstakes Branch 1.0 to 4.0 | 3 miles | KY504845_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Irrigated Crop Production; Non-irrigated Crop Production |
| Swift Camp Creek 0.0 to 13.95 | 13.95 miles | KY515834_01 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-PS | CAH | Cause Unknown | Source Unknown |
| Sycamore Creek 0.0 to 1.6 | 1.6 miles | KY504864_00 | River | Green/Tradewater | Green River | 05110001 | Edmonson | 5-NS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification |
| Sycamore Creek 0.0 to 3.8 | 3.8 miles | KY504877_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Pike | 5-PS | WAH | Cause Unknown | Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|-----------------------|------------------|----------------------|-------------|----------|----------|-----|---|--|
| Tate Creek 0.0 to 6.5 | 6.5 miles | KY504972_01 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges |
| Tate Creek 0.0 to 6.5 | 6.5 miles | KY504972_01 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges |
| Taylor Fork 0.0 to 4.0 | 4 miles | KY505019_00 | River | Green/Tradewater | Green River | 05110001 | Grayson | 5-NS | WAH | Sedimentation/ Siltation | Managed Pasture Grazing; Unspecified Urban Stormwater |
| Taylorville Reservoir | 3050 acres | KY2571204_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140102 | Spencer | 5-PS | FC | Methylmercury | Source Unknown |
| Taylorville Reservoir | 3050 acres | KY2571204_00 | Fresh-water Reservoir | Salt/Licking | Salt River | 05140102 | Spencer | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Upstream Source |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-NS | PCR | Escherichia coli | Source Unknown |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Cause Unknown | Source Unknown |
| Ten Mile Creek 0.0 to 3.0 | 3 miles | KY485704_01 | River | Kentucky | Kentucky River | 05100205 | Grant | 5-PS | WAH | Oxygen, Dissolved | Source Unknown |
| Tenmile Creek 0.05 to 1.15 | 1.1 miles | KY505071_01 | River | Salt/Licking | Ohio River | 05090201 | Campbell | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment) |

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|---------------|-----------------|------------|--------------|----------------------|-------------|----------|----------|-----|---|---|
| Trace Creek 0.2 to 4.6 | 4.4 miles | KY505424_ 01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas |
| Trace Creek 0.2 to 4.6 | 4.4 miles | KY505424_ 01 | River | Salt/Licking | Ohio River | 05090201 | Lewis | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities |
| Trace Fork 0.0 to 3.1 | 3.1 miles | KY505437_ 00 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining |
| Trace Fork 0.0 to 3.1 | 3.1 miles | KY505437_ 00 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Total Dissolved Solids | Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining |
| Trace Fork 0.0 to 3.1 | 3.1 miles | KY505437_ 00 | River | Salt/Licking | Licking River | 05100101 | Magoffin | 5-PS | WAH | Turbidity | Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_ 01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | PCR | Escherichia coli | Unspecified Domestic Waste |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_ 01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_ 01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Specific Conductance | Mountaintop Mining; Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|------------------|----------------------|-------------|-----------|----------|-----|---|--|
| Trace Fork 1.25 to 3.4 | 2.15 miles | KY505441_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-NS | WAH | Total Dissolved Solids | Mountaintop Mining; Surface Mining |
| Tradewater River 0.0 to 16.8 | 16.8 miles | KY505460_01 | River | Green/Tradewater | Tradewater | 05140205 | Union | 5-NS | PCR | Fecal Coliform | Agriculture |
| Tradewater River 20.6 to 46.4 | 25.8 miles | KY505460_02 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Tradewater River 20.6 to 46.4 | 25.8 miles | KY505460_02 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | SCR | Fecal Coliform | Source Unknown |
| Tradewater River 20.6 to 46.4 | 25.8 miles | KY505460_02 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Iron | Coal Mining; Crop Production (Crop Land or Dry Land) |
| Tradewater River 63.1 to 79.4 | 16.3 miles | KY505460_03 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Surface Mining |
| Tradewater River 98.5 to 111.1 | 12.6 miles | KY505460_05 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| Tradewater River 98.5 to 111.1 | 12.6 miles | KY505460_05 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Oxygen, Dissolved | Agriculture; Sanitary Sewer Overflows (Collection System Failures) |
| Tradewater River 98.5 to 111.1 | 12.6 miles | KY505460_05 | River | Green/Tradewater | Tradewater | 05140205 | Christian | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures) |
| Triplett Creek 5.8 to 12.3 | 6.5 miles | KY516023_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Triplett Creek 5.8 to 12.3 | 6.5 miles | KY516023_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | SCR | Fecal Coliform | Source Unknown |
| Triplett Creek 5.8 to 12.3 | 6.5 miles | KY516023_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Triplett Creek 5.8 to 12.3 | 6.5 miles | KY516023_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Triplett Creek 5.8 to 12.3 | 6.5 miles | KY516023_01 | River | Salt/Licking | Licking River | 05100101 | Rowan | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point Source Discharges |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Municipal Point Source Discharges |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Specific Conductance | Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted) |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | 5-NS | WAH | Turbidity | Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities |
| Trough Camp 1.5 to 6.1 | 4.6 miles | KY505516_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Channelization; Post-development Erosion and Sedimentation |
| Truman Creek 3.2 to 4.1 | 0.9 miles | KY505525_02 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|--|
| Tug Fork 71.9 to 77.7 | 5.8 miles | KY505554_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Pike | 5-PS | FC | Polychlorinated Biphenyls | Source Unknown |
| Tunnel Branch 0.0 to 1.7 | 1.7 miles | KY505568_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Tunnel Branch 0.0 to 1.7 | 1.7 miles | KY505568_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Temperature, Water | Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Oxygen, Dissolved | Source Unknown |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Dredge Mining; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment) |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Specific Conductance | Coal Mining; Petroleum/Natural Gas Activities |
| Turkey Creek 0.0 to 3.4 | 3.4 miles | KY505595_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-PS | WAH | Sedimentation/Siltation | Agriculture |
| Tygarts Creek 0.2 to 25.0 | 24.8 miles | KY516088_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | Methylmercury | Source Unknown |
| Tygarts Creek 0.2 to 25.0 | 24.8 miles | KY516088_01 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | Methylmercury | Source Unknown |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Non-Point Source |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|-------------------------|---|
| Tygarts Creek 25.0 to 36.3 | 11.3 miles | KY516088_02 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Tygarts Creek 36.3 to 45.5 | 9.2 miles | KY516088_03 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | Methylmercury | Source Unknown |
| Tygarts Creek 36.3 to 45.5 | 9.2 miles | KY516088_03 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Greenup | 5-NS | FC | PCB in Fish Tissue | Source Unknown |
| Tygarts Creek 83.2 to 88.6 | 5.4 miles | KY516088_06 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Sedimentation/Siltation | Coal Mining; Loss of Riparian Habitat; Non-Point Source |
| Tygarts Creek 83.2 to 88.6 | 5.4 miles | KY516088_06 | River | Sandy/Tygarts | Tygarts Creek | 05090103 | Carter | 5-PS | WAH | Specific Conductance | Coal Mining; Loss of Riparian Habitat; Non-Point Source |
| Tyson Branch 0.0 to 2.5 | 2.5 miles | KY505754_00 | River | Green/Tradewater | Tradewater | 05140205 | Caldwell | 5-NS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification |
| Upper Branch 0.0 to 2.8 | 2.8 miles | KY505861_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| Upper Devil Creek 0.0 to 1.0 | 1 miles | KY516120_00 | River | Kentucky | Kentucky River | 05100201 | Wolfe | 5-PS | WAH | Sedimentation/Siltation | Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining |
| Upper Howard Creek 0.0 to 3.2 | 3.2 miles | KY485707_00 | River | Kentucky | Kentucky River | 05100205 | Clark | 5-PS | WAH | Cause Unknown | Source Unknown |
| Upper Howard Creek 0.0 to 3.2 | 3.2 miles | KY485707_00 | River | Kentucky | Kentucky River | 05100205 | Clark | 5-PS | WAH | Sedimentation/Siltation | Rangeland Grazing |
| Upper Jacks Creek 0.0 to 2.2 | 2.2 miles | KY516133_01 | River | Kentucky | Kentucky River | 05100203 | Clay | 5-PS | WAH | Cause Unknown | Source Unknown |
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Nitrogen (Total) | Source Unknown |
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|-----------------|------------|---------------|----------------------|-------------|-----------|----------|-----|---|--|
| Upper Pidgeon Branch 0.0 to 2.1 | 2.1 miles | KY505895_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| Upper Twin Creek 0.0 to 3.6 | 3.6 miles | KY505917_00 | River | Kentucky | Kentucky River | 05100202 | Breathitt | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT of Blacks Creek 0.0 to 1.7 | 1.7 miles | KY487421-2.7_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| UT of Blacks Creek 0.0 to 1.7 | 1.7 miles | KY487421-2.7_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |
| UT of Blacks Creek 0.0 to 1.7 | 1.7 miles | KY487421-2.7_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |
| UT of Blacks Creek 0.0 to 2.3 | 2.3 miles | KY487421-3.0_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| UT of Blacks Creek 0.0 to 2.3 | 2.3 miles | KY487421-3.0_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |
| UT of Blacks Creek 0.0 to 2.3 | 2.3 miles | KY487421-3.0_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | WAH | Sedimentation/Siltation | Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |
| UT of Blanket Creek 0.0 to 0.2 | 0.2 miles | KY487466-4.7_01 | River | Salt/Licking | Licking River | 05100101 | Pendleton | 5-NS | WAH | Chlorine | Package Plant or Other Permitted Small Flows Discharges |
| UT of Blanket Creek 0.0 to 0.2 | 0.2 miles | KY487466-4.7_01 | River | Salt/Licking | Licking River | 05100101 | Pendleton | 5-NS | WAH | Nitrogen (Total) | Package Plant or Other Permitted Small Flows Discharges |
| UT of Clay Fork 0.0 to 1.2 | 1.2 miles | KY489573-2.3_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT of Clay Fork 0.0 to 1.2 | 1.2 miles | KY489573-2.3_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/Siltation | Non-Point Source; Source Unknown |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------------|------------|-------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| UT of Cooper Run 0.0 to 1.0 | 1.0 miles | KY490062-6.95_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| UT of Cooper Run 0.0 to 3.05 | 3.05 miles | KY490062-7.25_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | PCR | Escherichia coli | Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| UT of Cooper Run 0.0 to 3.05 | 3.05 miles | KY490062-7.25_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Non-Point Source |
| UT of Cooper Run 0.0 to 3.8 | 3.8 miles | KY490062-5.85_01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | 5-NS | PCR | Escherichia coli | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access |
| UT of Cumberland River 0.0 to 1.95 | 1.95 miles | KY517018-424.7_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Cumberland | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT of Cumberland River 0.10 to 2.20 | 2.1 miles | KY517018-8.3_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | 5-NS | WAH | Phosphorus (Total) | Agriculture; Crop Production (Crop Land or Dry Land) |
| UT of Cypress Creek 0.0 to 3.4 | 3.4 miles | KY490526-26.1_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT of East Hickman Creek 0.8 to 2.2 | 1.4 miles | KY491487-11.8_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Urban Runoff/Storm Sewers |

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|-----------------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| UT of UT to Acorn Fork 0.0 to 0.2 | 0.2 miles | KY510210-1.9-0.27W_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities |
| UT of West Fork Mayfield Creek 0.00 to 3.00 | 3 miles | KY506439-7.45_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-PS | WAH | Cause Unknown | Agriculture; Channelization; Loss of Riparian Habitat |
| UT of West Fork Red River 0.00 to 6.0 | 6 miles | KY1269347-40.75_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Todd | 5-PS | WAH | Cause Unknown | Agriculture; Channelization; Loss of Riparian Habitat |
| UT to Acorn Fork 0.0 to 0.25 | 0.25 miles | KY510210-1.9_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Chloride | Petroleum/Natural Gas Activities |
| UT to Acorn Fork 0.0 to 0.25 | 0.25 miles | KY510210-1.9_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities |
| UT to Acorn Fork 0.0 to 0.25 | 0.25 miles | KY510210-1.9_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| UT to Brooks Run 0.0 to 2.0 | 2 miles | KY487968-4.3_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| UT to Brooks Run 0.0 to 2.0 | 2 miles | KY487968-4.3_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| UT to Brush Creek 0.0 to 1.9 | 1.9 miles | KY488070-3.3_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Phosphorus (Total) | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|------------------|------------|----------------------|----------------------|-------------|---------|----------|-----|--------------------------------|--|
| UT to Brush Creek 0.0 to 1.9 | 1.9 miles | KY488070-3.3_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |
| UT to Brush Creek 0.0 to 1.9 | 1.9 miles | KY488070-3.3_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Total Kjehldahl Nitrogen (TKN) | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production |
| UT to Buffalo Run 0.0 to 1.1 | 1.1 miles | KY488333-1.6_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | WAH | Sedimentation/Siltation | Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| UT to Butler Branch 0.0 to 1.7 | 1.7 miles | KY488506-1.3_00 | River | Green/Tradewater | Green River | 05110001 | Adair | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| UT to Cane Run 0.0 to 3.5 | 3.5 miles | KY488799-6.13_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | PCR | Fecal Coliform | Livestock (Grazing or Feeding Operations) |
| UT to Cane Run 0.0 to 3.5 | 3.5 miles | KY488799-6.13_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Nitrogen (Total) | Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges |
| UT to Cane Run 0.0 to 3.5 | 3.5 miles | KY488799-6.13_01 | River | Kentucky | Kentucky River | 05100205 | Scott | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges |
| UT to Cane Run 0.0 to 2.1 | 2.1 miles | KY488799-12.9_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|------------------|------------|----------------------|----------------------|-------------|----------|----------|-----|---|---|
| UT to Cane Run 0.0 to 2.4 | 2.4 miles | KY488799-10.8_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | WAH | Nitrogen (Total) | Managed Pasture Grazing; Non-irrigated Crop Production |
| UT to Cane Run 0.0 to 2.4 | 2.4 miles | KY488799-10.8_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | WAH | Phosphorus (Total) | Managed Pasture Grazing; Non-irrigated Crop Production |
| UT to Chinns Branch 0.0 to 1.1 | 1.1 miles | KY489481-0.8_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| UT to Chinns Branch 0.0 to 1.1 | 1.1 miles | KY489481-0.8_01 | River | Sandy/Tygarts | Ohio River | 05090103 | Greenup | 5-NS | WAH | Temperature, Water | Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation |
| UT to Clarks River 0.0 to 3.3 | 3.3 miles | KY489552-59.9_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers |
| UT to Clarks River 0.0 to 3.3 | 3.3 miles | KY489552-59.9_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers |

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

2012 303(d) List

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

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|------------------|------------|------------------|----------------------|-------------|------------|----------|---------------|---|---|
| UT to Copperas Creek 0.0 to 0.9 | 0.9 miles | KY490083-0.6_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Iron | Source Unknown |
| UT to Copperas Creek 0.0 to 0.9 | 0.9 miles | KY490083-0.6_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Source Unknown |
| UT to Copperas Creek 0.0 to 0.9 | 0.9 miles | KY490083-0.6_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Source Unknown |
| UT to Copperas Creek 0.0 to 0.9 | 0.9 miles | KY490083-0.6_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Source Unknown |
| UT to Copperas Creek 0.0 to 0.9 | 0.9 miles | KY490083-0.6_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Zinc | Source Unknown |
| UT to Cypress Creek 0.0 to 1.45 | 1.45 miles | KY490526-28.6_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater |
| UT to Cypress Creek 0.0 to 1.45 | 1.45 miles | KY490526-28.6_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Specific Conductance | Coal Mining |
| UT to Cypress Creek 0.0 to 1.1 | 1.1 miles | KY490526-29.5_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Cypress Creek 0.0 to 8.1 | 8.1 miles | KY490526-16.8_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| UT to Cypress Creek 0.0 to 8.1 | 8.1 miles | KY490526-16.8_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| UT to Donaldson Creek 0.0 to 1.8 | 1.8 miles | KY490999-18.7_01 | River | Green/Tradewater | Tradewater | 05140205 | Caldwell | 5-PS | WAH | Sedimentation/Siltation | Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| UT to Donaldson Creek 0.0 to 1.8 | 1.8 miles | KY490999-18.7_01 | River | Green/Tradewater | Tradewater | 05140205 | Caldwell | 5-PS | WAH | Specific Conductance | Channelization; Crop Production (Crop Land or Dry Land) |
| UT to Drakes Creek 0.0 to 2.2 | 2.2 miles | KY491097-9.8_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers |
| UT to Drakes Creek 0.0 to 2.2 | 2.2 miles | KY491097-9.8_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers |
| UT to Dry Creek 0.0 to 2.9 | 2.9 miles | KY491170-4.6_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to East Fork Little Sandy River 0.0 to 0.3 | 0.3 miles | KY491469-8.1_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| UT to East Fork Little Sandy River 0.0 to 0.3 | 0.3 miles | KY491469-8.1_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|-----------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|---|
| UT to East Fork Little Sandy River 0.0 to 0.3 | 0.3 miles | KY491469-8.1_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Channelization |
| UT to East Fork Little Sandy River 0.0 to 0.3 | 0.3 miles | KY491469-8.1_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Total Dissolved Solids | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| UT to Elk Creek 0.0 to 1.0 | 1 miles | KY491656-8.8_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |
| UT to EIK Creek 0.0 to 3.9 | 3.9 miles | KY491656-5.4_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to EIK Creek 0.0 to 3.9 | 3.9 miles | KY491656-5.4_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to EIK Creek 0.0 to 3.9 | 3.9 miles | KY491656-5.4_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-PS | WAH | Specific Conductance | Agriculture |
| UT to Engle Fork 0.0 to 0.5 | 0.5 miles | KY491781-1.1_01 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Surface Mining |
| UT to Engle Fork 0.0 to 0.5 | 0.5 miles | KY491781-1.1_01 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Temperature, Water | Channelization; Loss of Riparian Habitat; Surface Mining |
| UT to Engle Fork 0.0 to 0.5 | 0.5 miles | KY491781-1.1_01 | River | Kentucky | Kentucky River | 05100201 | Perry | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| UT to Flat Creek 0.0 to 3.1 | 3.1 miles | KY492181-2.0_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | WAH | Cause Unknown | Surface Mining |
| UT to Flat Creek 3.1 to 4.1 | 1 miles | KY492181-2.0_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|------------|------------------|------------|----------------------|----------------------|-------------|----------|----------|-----|--|---|
| UT to Goose Pond Ditch 0.0 to 1.65 | 1.65 miles | KY512350-9.55_01 | River | Green/Tradewater | Ohio River | 05140203 | Union | 5-NS | WAH | Cause Unknown | Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| UT to Hammond Creek 0.0 to 1.8 | 1.8 miles | KY493640-5.2_01 | River | Salt/Licking | Salt River | 05140102 | Anderson | 5-NS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access |
| UT to Hammond Creek 0.0 to 1.8 | 1.8 miles | KY493640-5.2_01 | River | Salt/Licking | Salt River | 05140102 | Anderson | 5-NS | WAH | Sedimentation/ Siltation | Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to Hammond Creek 0.0 to 1.8 | 1.8 miles | KY493640-5.2_01 | River | Salt/Licking | Salt River | 05140102 | Anderson | 5-NS | WAH | Total Kjeldahl Nitrogen (TKN) | Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access |
| UT to Hancock Creek 0.0 to 3.72 | 3.72 miles | KY493672-4.2_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | PCR | Fecal Coliform | Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts |
| UT to Hancock Creek 0.0 to 3.72 | 3.72 miles | KY493672-4.2_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | SCR | Fecal Coliform | Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts |
| UT to Hancock Creek 0.0 to 3.72 | 3.72 miles | KY493672-4.2_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers |
| UT to Helton Branch 0.0 to 0.4 | 0.4 miles | KY494011-1.4_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Iron | Coal Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|-----------------|------------|----------------------|----------------------|-------------|------------|----------|---------------|---|--|
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Nitrates | Source Unknown |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | PCR; SCR; WAH | pH | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Total Dissolved Solids | Coal Mining |
| UT to Hurricane Creek 0.0 to 0.2 | 0.2 miles | KY494821-0.3_01 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Zinc | Coal Mining |
| UT to Jennys Branch 0.0 to 1.3 | 1.3 miles | KY512993-4.2_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Rural (Residential Areas) |
| UT to Jennys Branch 0.0 to 1.3 | 1.3 miles | KY512993-4.2_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Rural (Residential Areas) |
| UT to Jennys Branch 0.0 to 1.3 | 1.3 miles | KY512993-4.2_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | McCreary | 5-NS | WAH | Sedimentation/Siltation | Post-development Erosion and Sedimentation; Source Unknown |
| UT to Little Cypress Creek 0.0 to 1.75 | 1.75 miles | KY496701-3.1_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to Little Cypress Creek 0.0 to 3.25 | 3.25 miles | KY496701-4.0_01 | River | Green/Tradewater | Green River | 05110002 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|------------|-------------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|--|--|
| UT to Little Whippoorwill Creek 0.1 to 0.6 | 0.5 miles | KY496894-2.6_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | WAH | 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 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production |
| UT to Little Whippoorwill Creek 0.1 to 0.6 | 0.5 miles | KY496894-2.6_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Logan | 5-NS | WAH | Total Kjehldahl Nitrogen (TKN) | Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production |
| UT to Massac Creek 0.0 to 1.7 | 1.7 miles | KY497670-12.9_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | 5-PS | WAH | Cause Unknown | Source Unknown |
| UT to Mayfield Creek 0.0 to 1.0 | 1 miles | KY497717-26.55_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | McCracken | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| UT to Mayfield Creek 1.1 to 3.5 | 2.4 miles | KY497717-28.1_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| UT to Mill Creek 0.0 to 4.0 | 4 miles | KY498265-7.0_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | 5-NS | WAH | Phosphorus (Total) | Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access |

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

2012 303(d) List

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

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| UT to N. Elkhorn Creek 0.0 to 5.6 | 5.6 miles | KY499540-66_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization |
| UT to N. Elkhorn Creek 0.0 to 5.6 | 5.6 miles | KY499540-66_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Total Dissolved Solids | Managed Pasture Grazing |
| UT to North Branch Lulbegrud Creek 0.0 to 2.2 | 2.2 miles | KY499536-2.6_01 | River | Kentucky | Kentucky River | 05100204 | Montgomery | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to North Elkhorn Creek 0.0 to 3.5 | 3.5 MILE S | KY499540-71.1_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Escherichia coli | Discharges from Municipal Separate Storm Sewer Systems (MS4); Municipal (Urbanized High Density Area); Residential Districts; Sanitary Sewer Overflows (Collection System Failures); Wet Weather Discharges (Non-Point Source) |
| UT to Obion Creek 1.6 to 2.2 | 0.6 miles | KY499767-16.3_00 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to Old Beaver Dam Slough 0.0 to 0.5 | 0.5 miles | KY499795-0.4_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-NS | WAH | Cause Unknown | Source Unknown |
| UT to Pond Creek 0.0 to 0.5 | 0.5 miles | KY501047-1.5_01 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-NS | WAH | Chlorine | Package Plant or Other Permitted Small Flows Discharges |
| UT to Pond Creek 0.0 to 0.5 | 0.5 miles | KY501047-1.5_01 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------------|------------|-------------------|------------|------------------|----------------------|-------------|------------|----------|-----|---|---|
| UT to Pond Creek 0.0 to 0.5 | 0.5 miles | KY501047-1.5_01 | River | Salt/Licking | Salt River | 05140101 | Oldham | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Package Plant or Other Permitted Small Flows Discharges |
| UT to Pond Creek 0.0 to 2.4 | 2.4 miles | KY501042-6.9_00 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | 5-NS | WAH | Cause Unknown | Surface Mining |
| UT to Richland Creek 0.0 to 1.7 | 1.7 miles | KY501819-2.0_01 | River | Green/Tradewater | Green River | 05110002 | Butler | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture |
| UT to Richland Creek 0.0 to 1.7 | 1.7 miles | KY501819-2.0_01 | River | Green/Tradewater | Green River | 05110002 | Butler | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | KY511649-18.15_00 | River | Green/Tradewater | Ohio River | 05140203 | Crittenden | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Municipal Point Source Discharges |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | KY511649-18.15_00 | River | Green/Tradewater | Ohio River | 05140203 | Crittenden | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges |
| UT to Rush Creek 0.0 to 1.3 | 1.3 miles | KY511649-18.15_00 | River | Green/Tradewater | Ohio River | 05140203 | Crittenden | 5-PS | WAH | Specific Conductance | Municipal Point Source Discharges |
| UT to Salt River 0.0 to 2.4 | 2.4 miles | KY502830-123.8_01 | River | Salt/Licking | Salt River | 05140102 | Mercer | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------------|------------|------------------|------------|------------------|----------------------|-------------|-----------|----------|-----|-------------------------|--|
| UT to Slover Creek 0.0 to 1.5 | 1.5 miles | KY503714-0.4_01 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization |
| UT to Slover Creek 0.0 to 1.5 | 1.5 miles | KY503714-0.4_01 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Specific Conductance | Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat |
| UT to Smith Fork 0.0 to 0.55 | 0.55 miles | KY503789-0.95_01 | River | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Surface Mining |
| UT to Southern Ditch 0.0 to 2.6 | 2.6 miles | KY503998-1.1_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | WAH | Sedimentation/Siltation | Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers |
| UT to Swift Camp Creek 0.0 to 1.5 | 1.5 miles | KY515834-11.9_00 | River | Kentucky | Kentucky River | 05100204 | Wolfe | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Septage Disposal |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------------|------------|-----------------------|------------|----------------------|----------------------|-------------|--------|----------|-----|--|---|
| UT to Trace Fork 0.05 to 0.7 | 0.7 miles | KY505441-1.25_01 | River | Kentucky | Kentucky River | 05100201 | Knott | 5-PS | PCR | Escherichia coli | Unspecified Domestic Waste |
| UT to UT to Acorn Fork 0.0 to 0.55 | 0.55 miles | KY510210-1.9-0.27E_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Chloride | Petroleum/Natural Gas Activities |
| UT to UT to Acorn Fork 0.0 to 0.55 | 0.55 miles | KY510210-1.9-0.27E_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/Natural Gas Activities |
| UT to UT to Acorn Fork 0.0 to 0.55 | 0.55 miles | KY510210-1.9-0.27E_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | 5-NS | WAH | Specific Conductance | Petroleum/Natural Gas Activities |
| UT to UT to Guist Creek 0.0 to 2.4 | 2.4 miles | KY493463-33.0-1.4_01 | River | Salt/Licking | Salt River | 05140102 | Shelby | 5-PS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to UT to Lees Creek 0.0 to 1.6 | 1.6 miles | KY496181-4.3_01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-NS | WAH | Nitrate/Nitrite (Nitrite + Nitrate as N) | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to UT to Lees Creek 0.0 to 1.6 | 1.6 miles | KY496181-4.3_01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-NS | WAH | Sedimentation/Siltation | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to UT to Lees Creek 0.0 to 1.6 | 1.6 miles | KY496181-4.3_01 | River | Salt/Licking | Licking River | 05100101 | Mason | 5-NS | WAH | Total Kjeldahl Nitrogen (TKN) | Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|-----------------------|------------|----------------------|----------------------|-------------|------------|----------|-----|---|--|
| UT to UT to Little Cypress Creek 0.0 to 2.6 | 2.6 miles | KY496701-0.9-4.0_01 | River | Green/Tradewater | Green River | 05110002 | Muhlenberg | 5-NS | WAH | Specific Conductance | Coal Mining |
| UT to UT to Slover Creek 0.0 to 1.2 | 1.2 miles | KY503714-0.5-3.5_01 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| UT to UT to Slover Creek 0.0 to 1.2 | 1.2 miles | KY503714-0.5-3.5_01 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-PS | WAH | Specific Conductance | Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat |
| UT to UT to Slover Creek 0.2 to 1.5 | 1.3 miles | KY503714-3.4-0.2_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Sedimentation/Siltation | Agriculture; Channelization; Surface Mining |
| UT to UT to Slover Creek 0.2 to 1.5 | 1.3 miles | KY503714-3.4-0.2_00 | River | Green/Tradewater | Tradewater | 05140205 | Webster | 5-NS | WAH | Total Dissolved Solids | Surface Mining |
| UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8 | 0.65 miles | KY517033-1.0-48.45_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040005 | Calloway | 5-NS | WAH | Cause Unknown | Off-road Vehicles; Silviculture Harvesting |
| UT to Vulton Creek 0.00 to 2.45 | 2.45 miles | KY506075-5.6_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Graves | 5-NS | WAH | Cause Unknown | Agriculture; Animal Feeding Operations (NPS); Loss of Riparian Habitat |
| UT to West Bays Fork 0.0 to 1.0 | 1 miles | KY506405-1.6_01 | River | Green/Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access |
| UT to West Bays Fork 0.0 to 1.0 | 1 miles | KY506405-1.6_01 | River | Green/Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|-----------------|------------|------------------|----------------------|-------------|--------|----------|-----|--|---|
| UT to West Bays Fork 0.0 to 1.0 | 1 miles | KY506405-1.6_01 | River | Green/Tradewater | Green River | 05110002 | Allen | 5-PS | WAH | Specific Conductance | Agriculture; Unrestricted Cattle Access |
| UT to West Fork of Lewis Creek 0.0 to 2.2 | 2.2 miles | KY506436-1.4_00 | River | Green/Tradewater | Green River | 05110003 | Ohio | 5-NS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification |
| UT to Wiggington Creek 0.9 to 1.9 | 1 miles | KY506716-3.5_00 | River | Green/Tradewater | Green River | 05110002 | Logan | 5-NS | WAH | Cause Unknown | Source Unknown |
| Valley Creek 0.0 to 3.6 | 3.6 miles | KY505940_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-PS | WAH | Cause Unknown | Source Unknown |
| Valley Creek 8.4 to 10.8 | 2.4 miles | KY505940_02 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | WAH | Cause Unknown | Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |
| Valley Creek 8.4 to 10.8 | 2.4 miles | KY505940_02 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations) |
| Valley Creek 8.4 to 10.8 | 2.4 miles | KY505940_02 | River | Green/Tradewater | Green River | 05110001 | Hardin | 5-NS | WAH | Sedimentation/ Siltation | Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| Venters Branch 0.4 to 1.8 | 1.4 miles | KY506017_01 | River | Sandy/Tygart | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Specific Conductance | Surface Mining |
| Wallace Fork 0.00 to 3.0 | 3 miles | KY506143_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Cause Unknown | Agriculture; Loss of Riparian Habitat |
| Wallins Creek 0.0 to 4.2 | 4.2 miles | KY506154_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | 5-NS | WAH | Sedimentation/Siltation | Channelization; Coal Mining; Erosion from Derelict Land (Barren Land) |
| Ward Creek 5.1 to 10.3 | 5.4 miles | KY506219_01 | River | Green/Tradewater | Tradewater | 05140205 | Caldwell | 5-NS | WAH | Cause Unknown | Source Unknown |
| Wardens Slough 1.2 to 3.3 | 1.1 miles | KY516229_01 | River | Green/Tradewater | Ohio River | 05140203 | Union | 5-NS | WAH | Cause Unknown | Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization |
| Warrens Fork 0.0 to 3.5 | 3.5 miles | KY506239_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-PS | WAH | Cause Unknown | Source Unknown |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Non-irrigated Crop Production |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Weirs Creek 0.0 to 4.9 | 4.9 miles | KY506359_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | 5-NS | WAH | Turbidity | Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Wells Creek 0.0 to 3.5 | 3.5 miles | KY506380_01 | River | Sandy/Tygart | Little Sandy River | 05090104 | Elliott | 5-PS | WAH | Sedimentation/Siltation | Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting |
| West Fork Cox Creek 0.0 to 6.9 | 6.9 miles | KY506428_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | 5-NS | PCR | Escherichia coli | Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--|-------------|------------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|-------------------------|--|
| West Fork Mill Creek 0.0 to 1.0 | 1 miles | KY506440_00 | River | Kentucky | Kentucky River | 05100205 | Carroll | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unspecified Urban Stormwater |
| West Fork of Clarks River 0.0 to 10.35 | 10.35 miles | KY506426_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Copper | Source Unknown |
| West Fork of Clarks River 0.0 to 10.35 | 10.35 miles | KY506426_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Iron | Source Unknown |
| West Fork of Clarks River 0.0 to 10.35 | 10.35 miles | KY506426_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | 5-NS | WAH | Lead | Source Unknown |
| West Fork of Clarks River 20.1 to 28.35 | 8.25 miles | KY506426_05 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | 5-PS | FC | Mercury in Fish Tissue | Source Unknown |
| West Fork of Clarks River (Relict Channel) 0.0 to 11.1 | 11.1 miles | KY506426-10.4_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-PS | WAH | Cause Unknown | Source Unknown |
| West Fork of Clarks River (Relict Channel) 0.0 to 11.1 | 11.1 miles | KY506426-10.4_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | 5-PS | FC | Methylmercury | Source Unknown |
| West Fork of Drakes Creek 0.0 to 23.3 | 23.3 miles | KY506431_01 | River | Green/Tradewater | Green River | 05110002 | Simpson | 5-PS | FC | PCB in Fish Tissue | Industrial Point Source Discharge; Unpermitted Discharge (Industrial/Commercial Wastes) |
| West Fork of Drakes Creek 26.7 to 32.1 | 5.4 miles | KY506431_02 | River | Green/Tradewater | Green River | 05110002 | Simpson | 5-PS | FC | PCB in Fish Tissue | Industrial Point Source Discharge |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|--------------------------------------|-------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|--|
| West Fork of Pond River 1.6 to 8.7 | 7.3 miles | KY506444_01 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-PS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO) |
| West Fork of Pond River 20.3 to 26.0 | 5.7 miles | KY506444_03 | River | Green/Tradewater | Green River | 05110006 | Christian | 5-NS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations) |
| West Fork Red River 14.75 to 26.8 | 12.05 miles | KY1269347_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130206 | Christian | 5-PS | PCR | Escherichia coli | Source Unknown |
| West Hickman Creek 0.0 to 3.1 | 3.1 miles | KY506457_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | PCR | Fecal Coliform | Municipal Point Source Discharges; Unspecified Urban Stormwater |
| West Hickman Creek 0.0 to 3.1 | 3.1 miles | KY506457_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Unspecified Urban Stormwater |
| West Hickman Creek 0.0 to 3.1 | 3.1 miles | KY506457_01 | River | Kentucky | Kentucky River | 05100205 | Jessamine | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Municipal Point Source Discharges; Unspecified Urban Stormwater |
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Residential Districts; Unspecified Urban Stormwater |
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Organic Enrichment (Sewage) Biological Indicators | Residential Districts; Unspecified Urban Stormwater |
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Sedimentation/Siltation | Unspecified Urban Stormwater |

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2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---|------------|--------------|------------|----------------------|----------------------|-------------|-----------|----------|-----|---|---|
| West Hickman Creek 3.1 to 8.4 | 5.3 miles | KY506457_02 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Specific Conductance | Residential Districts |
| Wetwoods Creek (Slop Ditch) 2.2 to 4.25 | 2.05 miles | KY503711-00 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-NS | PCR | Fecal Coliform | Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Wetwoods Creek (Slop Ditch) 2.2 to 4.25 | 2.05 miles | KY503711-00 | River | Salt/Licking | Salt River | 05140102 | Jefferson | 5-PS | WAH | Cadmium | Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers |
| Whayne Branch 1.0 to 8.15 | 7.15 miles | KY506514_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Nitrogen (Total) | Animal Feeding Operations (NPS) |
| Whayne Branch 1.0 to 8.15 | 7.15 miles | KY506514_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Hickman | 5-NS | WAH | Phosphorus (Total) | Animal Feeding Operations (NPS) |
| Wheel Rim Fork 0.0 to 2.9 | 2.9 miles | KY506521_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Cause Unknown | Source Unknown |
| Whetstone Creek 1.2 to 3.3 | 2.1 miles | KY506547_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Non-Point Source; Source Unknown |
| Whetstone Creek 1.2 to 3.3 | 2.1 miles | KY506547_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Greenup | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Non-Point Source; Source Unknown |
| White Creek 0.0 to 2.2 | 2.2 miles | KY506579_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | 5-NS | WAH | Cause Unknown | Loss of Riparian Habitat; Non-Point Source |
| White Lick Creek 0.0 to 2.8 | 2.8 miles | KY506590_00 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-PS | WAH | Total Suspended Solids (TSS) | Non-irrigated Crop Production; Specialty Crop Production |
| White Oak Creek 0.0 to 1.0 | 1 miles | KY516320_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Sedimentation/Siltation | Agriculture |
| White Oak Creek 0.0 to 1.0 | 1 miles | KY516320_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Total Suspended Solids (TSS) | Agriculture |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|----------|----------|-----|---|--|
| White Oak Creek 0.0 to 1.0 | 1 miles | KY516320_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | WAH | Turbidity | Agriculture |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Managed Pasture Grazing; Municipal Point Source Discharges |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-NS | WAH | Sedimentation/Siltation | Loss of Riparian Habitat; Managed Pasture Grazing |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | 5-NS | WAH | Total Dissolved Solids | Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges |
| White Oak Creek 0.0 to 1.1 | 1.1 miles | KY485709_01 | River | Sandy/Tygart | Tygart Creek | 05090103 | Greenup | 5-NS | WAH | Cause Unknown | Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction) |
| White Oak Creek 0.0 to 4.2 | 4.2 miles | KY516318_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130104 | McCreary | 5-NS | WAH | Iron | Coal Mining |
| White Oak Creek 7.1 to 11.2 | 4.1 miles | KY506623_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130103 | Pulaski | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Whitley Branch 1.1 to 2.6 | 1.5 miles | KY516339_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Laurel | 5-NS | PCR | Fecal Coliform | Sanitary Sewer Overflows (Collection System Failures) |
| Wilgreen Lake | 169 acres | KY505023_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|---------------------------|------------|--------------|-----------------------|----------------------|----------------------|-------------|----------|----------|-----|---|--|
| Wilgreen Lake | 169 acres | KY505023_01 | Fresh-water Reservoir | Kentucky | Kentucky River | 05100205 | Madison | 5-PS | WAH | Oxygen, Dissolved | Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Williams Creek 0.0 to 2.9 | 2.9 miles | KY506818_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Cause Unknown | Source Unknown |
| Williams Creek 0.0 to 2.9 | 2.9 miles | KY506818_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Boyd | 5-PS | WAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/ Destabilization |
| Williams Creek 0.0 to 5.3 | 5.3 miles | KY506817_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-NS | PCR | Fecal Coliform | Source Unknown |
| Williams Creek 0.0 to 5.3 | 5.3 miles | KY506817_01 | River | Salt/Licking | Licking River | 05100101 | Morgan | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources |
| Wilson Creek 0.0 to 2.15 | 2.15 miles | KY506898_01 | River | Tenn/Miss/Cumberland | Mississippi River | 08010201 | Carlisle | 5-NS | WAH | Iron | Source Unknown |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) |
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Sedimentation/Siltation | Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|-----------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|--|
| Wilson Creek 0.0 to 2.9 | 2.9 miles | KY506897_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | 5-NS | WAH | Total Dissolved Solids | Coal Mining; Petroleum/Natural Gas Activities |
| Wilson Creek 0.0 to 2.2 | 2.2 miles | KY506901_01 | River | Salt/Licking | Salt River | 05140103 | Bullitt | 5-NS | WAH | Oxygen, Dissolved | Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers |
| Wilson Creek 0.0 to 2.2 | 2.2 miles | KY506901_01 | River | Salt/Licking | Salt River | 05140103 | Bullitt | 5-NS | WAH | Sedimentation/Siltation | Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers |
| Wilson Creek 0.0 to 2.2 | 2.2 miles | KY506901_01 | River | Salt/Licking | Salt River | 05140103 | 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 | River | Salt/Licking | Salt River | 05140103 | Nelson | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Other Spill Related Impacts |
| Withrow Creek 0.0 to 3.9 | 3.9 miles | KY506974_01 | River | Salt/Licking | Salt River | 05140103 | Nelson | 5-PS | WAH | Oxygen, Dissolved | Other Spill Related Impacts |
| Wolf Branch Ditch 0.0 to 4.1 | 4.1 miles | KY501759-2.6_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Irrigated Crop Production; Non-irrigated Crop Production |
| Wolf Branch Ditch 0.0 to 4.1 | 4.1 miles | KY501759-2.6_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Phosphorus (Total) | Irrigated Crop Production; Non-irrigated Crop Production |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|------------------------------|------------|-----------------|------------|----------------------|----------------------|-------------|------------|----------|-----|-------------------------|--|
| Wolf Branch Ditch 0.0 to 4.1 | 4.1 miles | KY501759-2.6_00 | River | Green/Tradewater | Green River | 05110005 | Daviess | 5-PS | WAH | Sedimentation/Siltation | Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production |
| Wolf Creek 0.0 to 1.0 | 1 miles | KY506998_00 | River | Green/Tradewater | Tradewater | 05140205 | Crittenden | 5-NS | WAH | Cause Unknown | Source Unknown |
| Wolf Creek 0.0 to 1.8 | 1.8 miles | KY516433_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Whitley | 5-NS | WAH | Sedimentation/Siltation | Non-irrigated Crop Production; Surface Mining |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | PCR | Escherichia coli | Unspecified Urban Stormwater |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining |
| Wolf Creek 0.0 to 6.6 | 6.6 miles | KY507001_01 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining; Unspecified Urban Stormwater |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Sedimentation/Siltation | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Specific Conductance | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |
| Wolf Creek 17.6 to 20.5 | 2.9 miles | KY507001_03 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-PS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-----------------------------|------------|--------------|------------|------------------|----------------------|-------------|---------|----------|-----|---|---|
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Sedimentation/Siltation | Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater |
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Specific Conductance | Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater |
| Wolf Creek 6.6 to 17.6 | 11 miles | KY507001_02 | River | Sandy/Tygarts | Big Sandy River | 05070201 | Martin | 5-NS | WAH | Total Dissolved Solids | Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining |
| Wolf Lick Creek 0.0 to 14.6 | 14.6 miles | KY507017_01 | River | Green/Tradewater | Green River | 05110003 | Logan | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Silviculture Activities |
| Wolf Lick Creek 0.0 to 14.6 | 14.6 miles | KY507017_01 | River | Green/Tradewater | Green River | 05110003 | Logan | 5-PS | WAH | Oxygen, Dissolved | Agriculture |
| Wolf Lick Creek 0.0 to 14.6 | 14.6 miles | KY507017_01 | River | Green/Tradewater | Green River | 05110003 | Logan | 5-PS | WAH | Sedimentation/Siltation | Agriculture; Silviculture Activities; Streambank Modifications/ Destabilization |
| Wolf Run 0.0 to 4.4 | 4.4 miles | KY507029_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | PCR | Fecal Coliform | Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Wolf Run 0.0 to 4.4 | 4.4 miles | KY507029_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-NS | SCR | Fecal Coliform | Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Wolf Run 0.0 to 4.4 | 4.4 miles | KY507029_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Nutrient/Eutrophication Biological Indicators | Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|---------|----------|-----|---|---|
| Wolf Run 0.0 to 4.4 | 4.4 miles | KY507029_01 | River | Kentucky | Kentucky River | 05100205 | Fayette | 5-PS | WAH | Specific Conductance | Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers |
| Wolfpen Branch 0.0 to 1.7 | 1.7 miles | KY507038_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Sedimentation/Siltation | Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining |
| Wolfpen Branch 0.0 to 1.7 | 1.7 miles | KY507038_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Temperature, Water | Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining |
| Wolfpen Branch 0.0 to 1.7 | 1.7 miles | KY507038_01 | River | Sandy/Tygarts | Big Sandy River | 05070202 | Pike | 5-NS | WAH | Total Dissolved Solids | Silviculture Harvesting; Surface Mining |
| Wood Creek 0.0 to 1.95 | 1.95 miles | KY516466_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Laurel | 5-NS | CAH | Sedimentation/Siltation | Habitat Modification - Other than Hydromodification |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | PCR | Fecal Coliform | Agriculture; Non-Point Source |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | SCR | Fecal Coliform | Agriculture; Non-Point Source |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Nutrient/Eutrophication Biological Indicators | Agriculture; Loss of Riparian Habitat; Non-Point Source |
| Woodruff Creek 0.0 to 3.7 | 3.7 miles | KY507110_01 | River | Salt/Licking | Licking River | 05100102 | Clark | 5-NS | WAH | Specific Conductance | Agriculture; Non-Point Source |
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | PCR | Fecal Coliform | Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers |
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Cause Unknown | Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers |

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

2012 303(d) List

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Category | Use | Impairment | Suspected Source(s) |
|-------------------------------|------------|--------------|------------|--------------------------|----------------------|-------------|--------|----------|-----|---|--|
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Nutrient/ Eutrophication Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal |
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Organic Enrichment (Sewage) Biological Indicators | Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers |
| Woolper Creek 11.9 to 14.0 | 2.1 miles | KY485711_02 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | WAH | Total Suspended Solids (TSS) | Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/Modification; Urban Runoff/Storm Sewers |
| Woolper Creek 2.8 to 7.45 | 4.65 miles | KY485711_01 | River | Salt/Licking | Ohio River | 05090203 | Boone | 5-NS | PCR | Fecal Coliform | Agriculture |
| Wooten Creek 0.0 to 3.0 | 3 miles | KY516483_00 | River | Kentucky | Kentucky River | 05100202 | Leslie | 5-PS | WAH | Cause Unknown | Source Unknown |
| Yellow Creek 0.0 to 6.65 | 6.65 miles | KY507211_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Bell | 5-NS | PCR | Escherichia coli | Unspecified Domestic Waste; Urban Runoff/Storm Sewers |
| Younger Creek 0.0 to 4.5 | 4.5 miles | KY507254_01 | River | Salt/Licking | Salt River | 05140103 | Hardin | 5-PS | WAH | Nutrient/ Eutrophication Biological Indicators | Livestock (Grazing or Feeding Operations); Silviculture Activities |
| Younger Creek 0.0 to 4.5 | 4.5 miles | KY507254_01 | River | Salt/Licking | Salt River | 05140103 | Hardin | 5-PS | WAH | Sedimentation/ Siltation | Channelization; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Silviculture Activities |

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

Chapter 10. Approved Delistings

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

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

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

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

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin ⁽¹⁾ | 8-Digit HUC | County | Use | Impairment |
|--|----------------|---------------------|-------------------------|--------------------------|----------------------|-------------|------------|---------------------|--|
| Mayfield Creek 10.65 to 16.0 | 5.35 miles | KY497717_ 02 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | WAH; PCR; SCR | pH |
| Mayfield Creek 37.7 to 40.4 | 2.7 miles | KY497717_ 08 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | WAH | Copper |
| Mayfield Creek 37.7 to 40.4 | 2.7 miles | KY497717_ 08 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Graves | WAH | Iron |
| Middle Fork Clarks River 0.0 to 2.7 | 2.7 miles | KY498115_ 01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | PCR | Fecal Coliform |
| Middle Fork Clarks River 0.0 to 2.7 | 2.7 miles | KY498115_ 01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | WAH | Nutrient/Eutrophication Biological Indicators |
| Middle Fork Clarks River 0.0 to 2.7 | 2.7 miles | KY498115_ 01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | WAH | Sedimentation/Siltation |
| North Fork Licking River 45.5 to 52.55 | 7.05 miles | KY499554_ 03 | River | Salt/Licking | Licking River | 05100101 | Bracken | PCR | Fecal Coliform |
| North Fork Licking River 45.5 to 52.55 | 7.05 miles | KY499554_ 03 | River | Salt/Licking | Licking River | 05100101 | Bracken | WAH | Sedimentation/Siltation |
| Obion Creek 1.35 to 16.25 | 14.9 miles | KY499767_ 01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | WAH | Copper |
| Ohio River 792.1 to 789.3 | 2.8 miles | KY425264_ 28 | River | Ohio River Mainstem | 788.4 to 785.6 | 05140202 | Henderson | PCR | Escherichia coli |
| Townsend Creek 0.0 to 2.9 | 4.9 miles | KY505401_ 01 | River | Salt/Licking | Licking River | 05100102 | Bourbon | PCR | Fecal Coliform |
| UT to Brooks Run 0.0 to 2.0 | 2 miles | KY487968- 4.3_01 | River | Salt/Licking | Salt River | 05140102 | Bullitt | PCR | Fecal Coliform |
| West Fork Red River 14.75 to 26.8 | 12.05 miles | KY1269347 _01 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Christian | CAH | Nutrient/Eutrophication Biological Indicators |
| West Fork Red River 14.75 to 26.8 | 12.05 miles | KY1269347 _01 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130206 | Christian | CAH | Sedimentation/Siltation |
| Willisburg Lake | 127 acres | KY506852_ 00 | Freshwater Reservoir | Salt/Licking | Salt River | 05140103 | Washington | WAH | Nutrient/Eutrophication Biological Indicators |
| Willisburg Lake | 127 acres | KY506852_ 00 | Freshwater Reservoir | Salt/Licking | Salt River | 05140103 | Washington | WAH | Oxygen, Dissolved |

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

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

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

EPA Approved TMDLs

Chapter 11. EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--------------------------------|---------------|-----------------|------------|--------------------------|----------------------|-------------|----------|-----|--|
| Allison Creek 0.0 to 4.95 | 4.95 miles | KY485886_ 01 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Arkansas Creek 0.0 to 3.6 | 3.6 miles | KY486027_ 01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Bacon Creek 0.2 to 17.2 | 17 miles | KY486197_ 01 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Escherichia coli |
| Bacon Creek 27.1 to 32.6 | 5.5 miles | KY486197_ 03 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Escherichia coli |
| Bacon Creek 27.1 to 32.6 | 5.5 miles | KY486197_ 03 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Fecal Coliform |
| Bacon Creek 17.2 to 27.1 | 9.9 miles | KY486197_ 02 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Escherichia coli |
| Bacon Creek 17.2 to 27.1 | 9.9 miles | KY486197_ 02 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Fecal Coliform |
| Bacon Creek 32.6 to 33.6 | 1.0 miles | KY486197_ 04 | River | Green/ Tradewater | Green River | 05110001 | Larue | PCR | Escherichia coli |
| Bailey Creek 0.0 to 2.6 | 2.6 miles | KY510346_ 00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Balls Branch 0.0 to 4.9 | 4.9 miles | KY486303_ 01 | River | Kentucky | Kentucky River | 05100205 | Boyle | PCR | Escherichia coli |
| Baughman Creek 0.0 to 4.6 | 4.6 miles | KY486477_ 01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Baughman Fork 0.0 to 2.7 | 2.7 miles | KY486478_ 01 | River | Kentucky | Kentucky River | 05100205 | Fayette | WAH | Nutrient/Eutrophication Biological Indicators |
| Baughman Fork 0.0 to 2.7 | 2.7 miles | KY486478_ 01 | River | Kentucky | Kentucky River | 05100205 | Fayette | WAH | Organic Enrichment (Sewage) Biological Indicators |
| Bayou de Chien 14.3 to 26.1 | 11.8 miles | KY486489_ 03 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Hickman | PCR | Escherichia coli |
| Beaver Creek 0.0 to 7.1 | 7.1 miles | KY486610_ 01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_ 01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--------------------------------|------------|--------------|------------|----------------------|-----------------|-------------|------------|---------------|------------------|
| Bee Creek 0.0 to 0.7 | 0.7 miles | KY486666_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Fecal Coliform |
| Bee Creek 0.7 to 2.0 | 1.3 miles | KY486666_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| Bee Creek 0.7 to 2.0 | 1.3 miles | KY486666_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Fecal Coliform |
| Beech Creek 0.0 to 3.9 | 3.9 miles | KY486697_00 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | PCR; SCR; WAH | pH |
| Big Brush Creek 0.0 to 5.0 | 5 miles | KY487146_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Big Brush Creek 7.1 to 13.0 | 5.9 miles | KY487146_03 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Big Creek 3.9 to 9.2 | 5.3 miles | KY487159_01 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Big Creek 3.9 to 9.2 | 5.3 miles | KY487159_01 | River | Green/Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |
| Big Pitman Creek 0.0 to 13.9 | 13.9 miles | KY487227_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Big Pitman Creek 0.0 to 13.9 | 13.9 miles | KY487227_01 | River | Green/Tradewater | Green River | 05110001 | Green | SCR | Fecal Coliform |
| Big Pitman Creek 13.9 to 17.8 | 3.9 miles | KY487227_02 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Big Pitman Creek 17.8 to 23.65 | 5.85 miles | KY487227_03 | River | Green/Tradewater | Green River | 05110001 | Taylor | PCR | Fecal Coliform |
| Big Reedy Creek 7.8 to 12.5 | 4.7 miles | KY487231_01 | River | Green/Tradewater | Green River | 05110001 | Edmonson | PCR | Fecal Coliform |
| Billy Creek 0.0 to 4.8 | 4.8 miles | KY487317_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | PCR | Fecal Coliform |
| Blizzard Ponds Drainage Canal | 3.7 miles | KY487484_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Escherichia coli |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|------------|----------------------|------------------|-------------|------------|---------------|------------------|
| 0.0 to 3.7 | | | | | | | | | |
| Blizzard Ponds Drainage Canal 0.0 to 3.7 | 3.7 miles | KY487484_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Fecal Coliform |
| Blizzard Ponds Drainage Canal 4.8 to 5.8 | 1 miles | KY487484_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Escherichia coli |
| Blizzard Ponds Drainage Canal 4.8 to 5.8 | 1 miles | KY487484_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Fecal Coliform |
| Blue Lick 0.0 to 4.1 | 4.1 miles | KY487526_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Brier Creek 0.0 to 4.9 | 4.9 miles | KY487897_00 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | PCR; SCR; WAH | pH |
| Brush Creek 1.1 to 7.5 | 6.4 miles | KY510966_00 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | PCR | Fecal Coliform |
| Brush Creek 0.0 to 2.15 | 2.15 miles | KY488077_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Buck Branch 0.0 to 2.8 | 2.8 miles | KY488192_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Butchers Branch 0.3 to 2.4 | 2.1 miles | KY488498_02 | River | Green/Tradewater | Ohio River | 05140201 | Hancock | PCR; SCR; WAH | pH |
| Butler Fork 2.5 to 4.4 | 1.9 miles | KY488519_00 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Caleb Fork 0.0 to 1.2 | 1.2 miles | KY488598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Camp Creek 0.0 to 5.4 | 5.4 miles | KY488685_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Escherichia coli |
| Camp Creek 0.0 to 5.4 | 5.4 miles | KY488685_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Fecal Coliform |
| Camp Creek 5.4 to 9.5 | 4.1 miles | KY488685_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|------------------------------|------------|--|------------|--------------------------|----------------------|-------------|-----------|---------------------|--|
| Cane Branch 0.0 to 2.0 | 2 miles | KY511181_00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130103 | McCreary | WAH; PCR; SCR | pH |
| Cane Creek 0.0 to 2.9 | 2.9 miles | KY511187_00 | River | Kentucky | Kentucky River | 05100204 | Powell | PCR | Fecal Coliform |
| Cane Creek 0.0 to 9.5 | 9.5 miles | KY511190_00 | River | Kentucky | Kentucky River | 05100201 | Breathitt | PCR | Fecal Coliform |
| Cane Run 0.0 to 4.0 | 4 miles | KY488786_00 | River | Green/ Tradewater | Tradewater | 05140205 | Hopkins | PCR; SCR; WAH | pH |
| Caney Fork 0.0 to 7.5 | 7.5 miles | KY488862_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Knott | PCR | Escherichia coli |
| Carr Fork 0.0 to 5.9 | 5.9 miles | KY511230_01 | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | Fecal Coliform |
| Carr Fork 0.0 to 5.9 | 5.9 miles | KY511230_01 | River | Kentucky | Kentucky River | 05100201 | Perry | SCR | Fecal Coliform |
| Carr Fork 6.2 to 8.9 | 3.0 miles | Montgomery Creek to Reservoir dam | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | Fecal Coliform |
| Carr Fork 6.2 to 8.9 | 3.0 miles | Montgomery Creek to Reservoir dam | River | Kentucky | Kentucky River | 05100201 | Perry | SCR | Fecal Coliform |
| Casey Creek 3.0 to 4.95 | 1.15 miles | KY485672_01 | River | Green/ Tradewater | Green River | 05110001 | Casey | PCR | Fecal Coliform |
| Cassidy Creek 0.0 to 3.9 | 3.9 miles | KY489064_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Catron Creek 0.0 to 8.9 | 8.9 miles | KY489099_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Central Creek 0.8 to 2.5 | 1.7 miles | KY489283_01 | River | Tenn/Miss/ Cumberland | Mississippi River | 08010201 | Carlisle | PCR | Fecal Coliform |
| Chenoweth Run 0.0 to 5.25 | 5.25 miles | KY489391_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | WAH | Aquatic Plants (Macrophytes) |
| Chenoweth Run 0.0 to 5.25 | 5.25 miles | KY489391_01 | River | Salt/Licking | Salt River | 05140102 | Jefferson | WAH | Nutrient/Eutrophication Biological Indicators |

EPA Approved TMDLs

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

EPA Approved TMDLs

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

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---------------------------------|------------|--------------|------------|----------------------|------------------|-------------|------------|---------------------|------------------|
| Crooked Creek 0.1 to 5.7 | 5.6 miles | KY511648_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130102 | Rockcastle | PCR | Fecal Coliform |
| Cumberland River 643.6 to 647.7 | 4.1 miles | KY517018_06 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | PCR | Fecal Coliform |
| Cumberland River 683.6 to 688.9 | 5.3 miles | KY517018_11 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Cypress Creek 23.1 to 26.5 | 3.4 miles | KY490526_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | PCR | Escherichia coli |
| Damon Creek 0.0 to 1.8 | 1.8 miles | KY490545_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| Damon Creek 0.0 to 1.8 | 1.8 miles | KY490545_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Fecal Coliform |
| Dix River 33.3 to 36.1 | 2.8 miles | KY517054_02 | River | Kentucky | Kentucky River | 05100205 | Garrard | PCR | Escherichia coli |
| Dix River 36.1 to 43.8 | 7.7 miles | KY517054_03 | River | Kentucky | Kentucky River | 05100205 | Garrard | PCR | Escherichia coli |
| Dix River 64.3 to 73.9 | 9.6 miles | KY517054_04 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Dix River 73.9 to 79.3 | 5.4 miles | KY517054_05 | River | Kentucky | Kentucky River | 05100205 | Rockcastle | PCR | Escherichia coli |
| Doty Branch 0.0 to 2.3 | 2.3 miles | KY2355192_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Drakes Creek 1.15 to 7.3 | 6.15 miles | KY491093_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Drakes Creek 0.0 to 9.0 | 9 miles | KY491097_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | PCR; SCR; WAH | pH |
| Dry Creek 0.0 to 3.65 | 3.65 miles | KY491176_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Caldwell | PCR | Fecal Coliform |
| Duncan Creek 0.0 to 2.5 | 2.5 miles | KY491300_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | PCR | Escherichia coli |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---|------------|--------------|------------|----------------------|--------------------|-------------|------------|-----|---|
| Duncan Creek 0.0 to 2.5 | 2.5 miles | KY491300_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | PCR | Fecal Coliform |
| East Fork Clarks River 7.2 to 8.0 | 0.8 miles | KY491450_03 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| East Fork Little Sandy River 16.9 to 24.9 | 8 miles | KY491469_02 | River | Sandy/Tygart | Little Sandy River | 05090104 | Boyd | WAH | Organic Enrichment (Sewage) Biological Indicators |
| East Fork of Clarks River 0.0 to 2.7 | 2.7 miles | KY491450_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| East Fork of Little Barren River 0.0 to 15.9 | 15.9 miles | KY491468_01 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | PCR | Fecal Coliform |
| East Fork of Little Barren River 0.0 to 15.9 | 15.9 miles | KY491468_01 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | SCR | Fecal Coliform |
| East Fork of Little Barren River 20.7 to 30.0 | 9.3 miles | KY491468_03 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | PCR | Fecal Coliform |
| Eddy Creek 7.7 to 10.25 | 2.55 miles | KY491550_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | PCR | Fecal Coliform |
| Eddy Creek 13.15 to 15.9 | 2.75 miles | KY491550_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Lyon | PCR | Fecal Coliform |
| Elijahs Creek 0.0 to 5.2 | 5.2 miles | KY491627_00 | River | Salt/Licking | Ohio River | 05090203 | Boone | WAH | Ethylene Glycol |
| Farley Branch 0.0 to 2.2 | 2.2 miles | KY491983_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| Ferguson Creek 0.05 to 1.2 | 1.15 miles | KY492034_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | PCR | Fecal Coliform |
| Fleming Creek 12.8 to 16.0 | 3.2 miles | KY492236_02 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |

EPA Approved TMDLs

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

EPA Approved TMDLs

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

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---|------------|--------------|------------|----------------------|------------------|-------------|------------|---------------|---------------------------|
| Left Fork Beaver Creek 18.7 to 28.6 | 5.3 miles | KY496194_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Left Fork of Straight Creek 0.0 to 13.1 | 13.1 miles | KY513326_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | PCR | Fecal Coliform |
| Little Barren River 0.0 to 9.8 | 9.8 miles | KY496604_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Little Barren River 9.8 to 15.7 | 5.9 miles | KY496604_02 | River | Green/Tradewater | Green River | 05110001 | Green | PCR; SCR | Fecal Coliform |
| Little Bayou Creek 0.0 to 7.2 | 7.2 miles | KY496607_01 | River | Tenn/Miss/Cumberland | Ohio River | 05140206 | McCracken | WAH | Polychlorinated biphenyls |
| Little Brush Creek 3.2 to 13.2 | 10 miles | KY496646_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Little Cypress Creek 0.0 to 8.7 | 8.7 miles | KY496701_01 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | PCR | Escherichia coli |
| Little Cypress Creek 8.7 to 10.1 | 1.4 miles | KY496701_02 | River | Green/Tradewater | Green River | 05110006 | Muhlenberg | PCR; SCR; WAH | pH |
| Little Pitman Creek 10.1 to 11.3 | 1.2 miles | KY496827_02 | River | Green/Tradewater | Green River | 05110001 | Taylor | PCR | Fecal Coliform |
| Little Pitman Creek 0.0 to 10.1 | 10.1 miles | KY496827_01 | River | Green/Tradewater | Green River | 05110001 | Taylor | PCR | Fecal Coliform |
| Little Pitman Creek 0.0 to 10.1 | 10.1 miles | KY496827_01 | River | Green/Tradewater | Green River | 05110001 | Taylor | SCR | Fecal Coliform |
| Little River 30.6 to 31.9 | 1.3 miles | KY496838_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | PCR | Fecal Coliform |
| Little River 31.9 to 46.1 | 14.2 miles | KY496838_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Trigg | PCR | Fecal Coliform |
| Little River 46.1 to 58.3 | 12.2 miles | KY496838_05 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|---|------------|--------------|------------|-----------------------|------------------|-------------|-----------|-----|------------------|
| Little Russell Creek 0.0 to 6.1 | 6.1 miles | KY496854_01 | River | Green/ Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Livingston Creek 4.65 to 7.1 | 2.45 miles | KY496913_01 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Lyon | PCR | Escherichia coli |
| Logan Creek 0.0 to 3.15 | 3.15 miles | KY496980_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Logan Run 0.0 to 2.3 | 2.3 miles | KY496986_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Looney Creek 0.0 to 5.9 | 5.9 miles | KY497165_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Lower Cane Creek 0.0 to 4.1 | 4.1 miles | KY513680_01 | River | Kentucky | Kentucky River | 05100204 | Powell | PCR | Escherichia coli |
| Lynn Camp Creek 0.0 to 8.5 | 8.5 miles | KY497374_01 | River | Green/ Tradewater | Green River | 05110001 | Hart | PCR | Fecal Coliform |
| Lynn Camp Creek 0.0 to 8.5 | 8.5 miles | KY497374_01 | River | Green/ Tradewater | Green River | 05110001 | Hart | SCR | Fecal Coliform |
| Martins Fork 0.0 to 10.2 | 11.8 miles | KY497628_01 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| McKinney Branch 0.0 to 1.9 | 1.9 miles | KY497908_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Middle Fork Beargrass Creek 0.0 to 2.0 | 2 miles | KY498112_01 | River | Salt/ Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| Middle Fork Beargrass Creek 2.0 to 2.9 | 0.9 miles | KY498112_02 | River | Salt/ Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| Middle Fork Beargrass Creek 2.9 to 15.3 | 12.4 miles | KY498112_03 | River | Salt/ Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| Middle Fork Clarks River 2.7 to 4.8 | 2.1 miles | KY498115_02 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| Middle Fork Clarks River 6.1 to 9.1 | 3 miles | KY498115_03 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|------------|----------------------|--------------------|-------------|-----------|---------------------|------------------------|
| Middle Fork Creek 0.2 to 6.0 | 5.8 miles | KY498117_00 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | PCR | Escherichia coli |
| Middle Fork Right Fork Cane Creek 0.0 to 2.8 | 2.8 miles | KY513936_01 | River | Kentucky | Kentucky River | 05100204 | Powell | PCR | Escherichia coli |
| Middle Pitman Creek 0.0 to 7.7 | 7.7 miles | KY498146_01 | River | Green/Tradewater | Green River | 05110001 | Green | PCR | Fecal Coliform |
| Middle Pitman Creek 0.0 to 7.7 | 7.7 miles | KY498146_01 | River | Green/Tradewater | Green River | 05110001 | Green | SCR | Fecal Coliform |
| Middle Pitman Creek 8.2 to 10.1 | 1.9 miles | KY498146_02 | River | Green/Tradewater | Green River | 05110001 | Taylor | PCR | Fecal Coliform |
| Muddy Fork Beargrass Creek 0.0 to 6.9 | 6.9 miles | KY499042_00 | River | Salt/Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| Mussin Branch 0.0 to 1.7 | 1.7 miles | KY499140_00 | River | Salt/Licking | Salt River | 05140103 | Marion | WAH; PCR; SCR | pH |
| Newcombe Creek 1.1 to 7.3 | 6.2 miles | KY499428_01 | River | Sandy/Tygarts | Little Sandy River | 05090104 | Elliott | WAH | Total Dissolved Solids |
| Nolin River 37.6 to 88.2 | 50.6 miles | KY499512_02 | River | Green/Tradewater | Green River | 05110001 | Hardin | PCR | Fecal Coliform |
| North Fork Kentucky River 1.3 to 2.3 | 1 miles | KY514290_02 | River | Kentucky | Kentucky River | 05100201 | Lee | PCR | Fecal Coliform |
| North Fork Kentucky River 104.1 to 105.1 | 1 miles | KY514290_09 | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | Fecal Coliform |
| North Fork Kentucky River 131.0 to 132.0 | 1 miles | KY514290_12 | River | Kentucky | Kentucky River | 05100201 | Letcher | PCR | Fecal Coliform |
| North Fork Kentucky River 145.5 to 147.9 | 2.4 miles | KY514290_14 | River | Kentucky | Kentucky River | 05100201 | Letcher | PCR | Fecal Coliform |

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

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|------------|----------------------|------------------|-------------|------------|---------------|------------------|
| North Fork Kentucky River 89.75 to 99.95 | 10.2 miles | KY514290_08 | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | Fecal Coliform |
| North Fork Kentucky River 99.95 to 104.1 | 4.15 miles | KY514290_08A | River | Kentucky | Kentucky River | 05100201 | Perry | PCR | Fecal Coliform |
| North Fork Little River 0.0 to 0.3 | 0.3 miles | KY499555_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| North Fork of Little River 7.0 to 10.9 | 3.9 miles | KY499555_03 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| North Fork of Little River 0.3 to 7.0 | 6.7 miles | KY499555_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| North Fork of Little River 10.9 to 16.2 | 5.3 miles | KY499555_04 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| Otter Creek 0.0 to 0.5 | 0.5 miles | KY500021_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Panther Creek 0.0 to 3.1 | 3.1 miles | KY500155_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040005 | Graves | PCR | Escherichia coli |
| Pettys Fork 0.0 to 6.1 | 6.1 miles | KY500492_00 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Pettys Fork 0.0 to 6.1 | 6.1 miles | KY500492_00 | River | Green/Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |
| Peyton Creek 0.0 to 4.1 | 4.1 miles | KY500504_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |
| Pleasant Run 0.0 to 2.1 | 2.1 miles | KY500906_01 | River | Green/Tradewater | Green River | 05110006 | Hopkins | PCR; SCR; WAH | pH |
| Pleasant Run 2.1 to 7.8 | 5.7 miles | KY500906_02 | River | Green/Tradewater | Green River | 05110006 | Hopkins | PCR; SCR; WAH | pH |
| Pond Creek 14.4 to 18.1 | 3.7 miles | KY501042_05 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | PCR; SCR; WAH | pH |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|------------|----------------------|------------------|-------------|------------|---------------|----------------|
| Pond Creek 18.1 to 22.1 | 4 miles | KY501042_06 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | PCR; SCR; WAH | pH |
| Pond Creek 7.5 to 11.7 | 4.2 miles | KY501042_03 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | PCR; SCR; WAH | pH |
| Pond Creek 11.7 to 14.4 | 2.7 miles | KY501042_04 | River | Green/Tradewater | Green River | 05110003 | Muhlenberg | PCR; SCR; WAH | pH |
| Poor Fork of Cumberland River 0.0 to 14.9 | 14.9 miles | KY514707_01 | River | Upper Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Poor Fork of Cumberland River 14.9 to 16.3 | 1.4 miles | KY514707_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Poor Fork of Cumberland River 16.3 to 31.8 | 15.5 miles | KY514707_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Harlan | PCR | Fecal Coliform |
| Poplar Creek 0.0 to 1.2 | 1.2 miles | KY501096_01 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Poplar Grove Branch 0.0 to 3.4 | 3.4 miles | KY501108_00 | River | Green/Tradewater | Green River | 05110001 | Taylor | PCR | Fecal Coliform |
| Puckett Creek 0.0 to 9.9 | 9.9 miles | KY501413_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | PCR | Fecal Coliform |
| Render Creek 0.0 to 3.6 | 3.6 miles | KY501725_00 | River | Green/Tradewater | Green River | 05110003 | Ohio | PCR; SCR; WAH | pH |
| Richland Creek 0.7 to 5.4 | 4.7 miles | KY501820_00 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | PCR | Fecal Coliform |
| Richland Creek 11.6 to 21.5 | 9.9 miles | KY514915_03 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | PCR | Fecal Coliform |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--------------------------------------|------------|--------------|------------|----------------------|------------------|-------------|----------|---------------|------------------|
| Richland Creek 0.0 to 6.3 | 6.3 miles | KY514915_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | PCR | Escherichia coli |
| Richland Creek 6.3 to 11.6 | 5.3 miles | KY514915 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Knox | PCR | Fecal Coliform |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | Floyd | Fecal coliform |
| Right Fork Beaver Creek 0.0 to 17.4 | 17.4 miles | KY501863_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Right Fork Beaver Creek 30.3 to 33.4 | 2.9 miles | KY501863_04 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Knott | PCR | Escherichia coli |
| Right Fork Beaver Creek 17.4 to 23.3 | 5.9 miles | KY501863_02 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Right Fork Cane Creek 2.2 to 5.2 | 3 miles | KY514935_01 | River | Kentucky | Kentucky River | 05100204 | Powell | PCR | Escherichia coli |
| Rock Creek 0.0 to 4.3 | 4.3 miles | KY515024_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130104 | McCreary | WAH; PCR; SCR | pH |
| Russell Creek 24.1 to 40.0 | 15. miles | KY502521_04 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Russell Creek 23.8 to 40.0 | 16.2 miles | KY502521_04 | River | Green/Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |
| Russell Creek 40.0 to 42.2 | 2.2 miles | KY502521_05 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Russell Creek 40.0 to 42.2 | 2.2 miles | KY502521_05 | River | Green/Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |
| Russell Creek 60.4 to 66.3 | 5.9 miles | KY502521_07 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Russell Creek 60.4 to 66.3 | 5.9 miles | KY502521_07 | River | Green/Tradewater | Green River | 05110001 | Adair | SCR | Fecal Coliform |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|---------------|--------------|------------|--------------------------|---------------------|-------------|------------|---------------------|------------------------|
| Ryans Creek 0.0 to 5.7 | 5.7 miles | KY515156_00 | River | Tenn/Miss/ Cumberland | Upper Cumberland | 05130101 | McCreary | WAH; PCR; SCR | pH |
| Salt Lick Creek 0.0 to 6.8 | 6.8 miles | KY502845_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Sand Lick Branch 0.0 to 1.2 | 1.2 miles | KY502926_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| Sand Lick Fork 0.0 to 5.3 | 5.3 miles | KY515225_01 | River | Kentucky | Kentucky River | 05100204 | Powell | WAH | Total Dissolved Solids |
| Sandy Creek 0.1 to 2.4 | 2.3 miles | KY502979_00 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Livingston | PCR | Fecal Coliform |
| Simpson Branch 0.0 to 1.8 | 1.8 miles | KY503532_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Sizemore Branch 0.0 to 2.0 | 2 miles | KY503590_01 | River | Sandy/Tygart | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Skinframe Creek 0.0 to 4.8 | 4.8 miles | KY503607_00 | River | Tenn/Miss/ Cumberland | Lower Cumberland | 05130205 | Lyon | PCR | Fecal Coliform |
| Sleepy Run 0.0 to 3.1 | 3.1 miles | KY503678_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Soldier Creek 0.0 to 5.7 | 5.7 miles | KY503868_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Marshall | PCR | Escherichia coli |
| South Fork Beargrass Creek 0.0 to 2.7 | 2.7 miles | KY503905_01 | River | Salt/Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| South Fork Beargrass Creek 2.7 to 13.6 | 10.9 miles | KY503905_02 | River | Salt/Licking | Salt River | 05140101 | Jefferson | PCR | Fecal Coliform |
| South Fork Camp Creek 0.0 to 1.35 | 1.3 miles | KY503908_01 | River | Tenn/Miss/ Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| South Fork of Little Barren River 0.0 to 23.1 | 23.1 miles | KY503933_01 | River | Green/ Tradewater | Green River | 05110001 | Metcalfe | PCR | Fecal Coliform |

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| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|--------------|------------|----------------------|------------------|-------------|-----------|-----|------------------------|
| South Fork of Little Barren River 0.0 to 23.1 | 23.1 miles | KY503933_01 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | SCR | Fecal Coliform |
| South Fork of Little Barren River 23.1 to 30.1 | 7 miles | KY503933_02 | River | Green/Tradewater | Green River | 05110001 | Metcalfe | PCR | Fecal Coliform |
| South Fork of Little River 0.0 to 10.3 | 10.3 miles | KY503934_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| South Fork of Little River 10.3 to 20.3 | 10 miles | KY503934_02 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Christian | PCR | Fecal Coliform |
| South Fork Red River 0.0 to 3.9 | 3.9 miles | KY515547_01 | River | Kentucky | Kentucky River | 05100204 | Powell | WAH | Total Dissolved Solids |
| South Fork Red River 4.2 to 10.6 | 6.4 miles | KY515547_02 | River | Kentucky | Kentucky River | 05100204 | Powell | WAH | Total Dissolved Solids |
| Spewing Camp Branch 0.0 to 3.1 | 3.1 miles | KY504061_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Spring Creek 0.0 to 2.0 | 2 miles | KY504124_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| Spring Creek 3.6 to 5.4 | 1.8 miles | KY504124_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| Spurlock Creek 0.0 to 0.6 | 0.6 miles | KY504191_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Straight Creek 0.0 to 1.7 | 1.7 miles | KY515746_01 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | PCR | Escherichia coli |
| Straight Creek 1.7 to 23.5 | 21.6 miles | KY515746_02 | River | Tenn/Miss/Cumberland | Upper Cumberland | 05130101 | Bell | PCR | Fecal Coliform |
| Stump Cave Branch 0.0 to 1.6 | 1.6 miles | KY515765_01 | River | Kentucky | Kentucky River | 05100204 | Powell | WAH | Total Dissolved Solids |

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|------------|-----------------|----------------------|----------------------|------------------|-------------|------------|---------------|--|
| Sugar Creek 0.0 to 5.3 | 5.3 miles | KY504656_00 | River | Green/Tradewater | Tradewater | 05140205 | Hopkins | PCR; SCR; WAH | pH |
| Sugar Creek 2.2 to 6.9 | 4.7 miles | KY504655_01 | River | Tenn/Miss/Cumberland | Lower Cumberland | 05130205 | Livingston | PCR | Fecal Coliform |
| Sulphur Creek 0.0 to 10.7 | 10.7 miles | KY504734_01 | River | Green/Tradewater | Green River | 05110001 | Adair | PCR | Fecal Coliform |
| Tampa Branch 0.0 to 2.15 | 2.15 miles | KY504931_01 | River | Green/Tradewater | Green River | 05110001 | Hart | PCR | Fecal Coliform |
| Taylorville Reservoir | 3050 acres | KY2571204_00 | Freshwater Reservoir | Salt/Licking | Salt River | 05140102 | Spencer | WAH | Nutrient/Eutrophication Biological Indicators |
| Town Branch 0.0 to 4.0 | 4 miles | KY505381_00 | River | Salt/Licking | Licking River | 05100101 | Fleming | PCR | Fecal Coliform |
| Townsend Creek 11.8 to 14.9 | 4.9 miles | KY505401_05 | River | Salt/Licking | Licking River | 05100102 | Bourbon | PCR | Fecal Coliform |
| Townsend Creek 2.9 to 4.8 | 4.9 miles | KY505401_02 | River | Salt/Licking | Licking River | 05100102 | Bourbon | PCR | Fecal Coliform |
| Townsend Creek 4.8 to 10.0 | 4.9 miles | KY505401_03 | River | Salt/Licking | Licking River | 05100102 | Bourbon | PCR | Fecal Coliform |
| Trace Creek 1.1 to 5.9 | 4.8 miles | KY505419_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| Troublesome Creek 0.0 to 45.1 | 45.1 miles | KY505515_01 | River | Kentucky | Kentucky River | 05100201 | Breathitt | PCR | Fecal Coliform |
| Turkey Creek 0.0 to 5.9 | 5.9 miles | KY505598_01 | River | Sandy/Tygarts | Big Sandy River | 05070203 | Floyd | PCR | Escherichia coli |
| Turkey Creek 0.0 to 3.4 | 3.4 miles | KY505595_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| UT of Blizzard Ponds Drainage Canal at RM 3.7 0.0 to 4.2 | 4.2 miles | KY487484-3.7_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Escherichia coli |

EPA Approved TMDLs

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

EPA Approved TMDLs

| Waterbody & Segment | Total Size | Waterbody ID | Water Type | Watershed | Basin | 8-Digit HUC | County | Use | Impairment |
|--|-------------|---------------------|------------|----------------------|-----------------|-------------|------------|-----|------------------------|
| UT to South Fork of Russell Creek 0.0 to 0.6 | 0.6 miles | KY503945-4.8_00 | River | Green/Tradewater | Green River | 05110001 | Green | WAH | Total Dissolved Solids |
| UT to UT to Little Cypress Creek 0.0 to 2.6 | 2.6 miles | KY496701-0.9-4.0_01 | River | Green/Tradewater | Green River | 05110002 | Muhlenberg | PCR | Escherichia coli |
| Valley Creek 0.0 to 3.6 | 3.6 miles | KY505940_01 | River | Green/Tradewater | Green River | 05110001 | Hardin | PCR | Fecal Coliform |
| Valley Creek 10.8 to 12.6 | 1.8 miles | KY505940_03 | River | Green/Tradewater | Green River | 05110001 | Hardin | PCR | Fecal Coliform |
| West Fork Clarks River 10.35 to 13.1 | 2.75 miles | KY506426_02 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| West Fork Clarks River 28.5 to 31.4 | 2.9 miles | KY506426_06 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| West Fork Clarks River 31.4 to 34.2 | 2.8 miles | KY506426_07 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Calloway | PCR | Escherichia coli |
| West Fork of Clarks River 0.0 to 10.35 | 10.35 miles | KY506426_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | McCracken | PCR | Escherichia coli |
| West Fork of Clarks River 13.1 to 17.2 | 4.1 miles | KY506426_03 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| West Fork of Clarks River 20.1 to 28.5 | 8.4 miles | KY506426_05 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Marshall | PCR | Escherichia coli |
| West Fork of Clarks River (Relict Channel) 0.0 to 11.1 | 11.1 miles | KY506426-10.4_01 | River | Tenn/Miss/Cumberland | Tennessee River | 06040006 | Graves | PCR | Escherichia coli |
| White Oak Creek 0.0 to 2.8 | 2.8 miles | KY506613_01 | River | Kentucky | Kentucky River | 05100205 | Garrard | PCR | Escherichia coli |
| White Oak Creek 0.0 to 3.4 | 3.4 miles | KY506612_01 | River | Kentucky | Kentucky River | 05100205 | Lincoln | PCR | Escherichia coli |

EPA Approved TMDLs

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

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

A.1 Kentucky River Basin Rivers

Arnolds Creek 0.0 to 10.8 (10.8 mi)

Grant County

Into Ten Mile Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

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

Bailey Run 0.0 to 2.9 (2.9 mi)

Anderson County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown; Unspecified Urban Stormwater

Balls Fork 8.3 to 11.3 (3 mi)

Knott County

Into Troublesome Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Beals Run 0.0 to 1.9 (1.9 mi)

Woodford County

Into South Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Benson Creek 0.0 to 4.6 (4.6 mi)

Franklin County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

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

Benson Creek 4.6 to 6.7 (2.1 mi)

Franklin County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

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

Benson Creek 6.7 to 13.4 (6.7 mi)

Franklin County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Big Caney Creek 0.3 to 8.0 (7.7 mi)

Breathitt County

Into Quicksand Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Big Twin Creek 0.0 to 3.8 (3.8 mi)

Owen County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

Big Willard Creek 0.0 to 4.5 (4.5 mi)

Perry County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Black John Branch 0.0 to 0.4 (0.4 mi)

Knott County

Into Defeated Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Selenium

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

Pollutant: Specific Conductance

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

Pollutant: Total Dissolved Solids

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Blair Branch 0.0 to 0.7 (0.7 mi)

Knott County

Into Defeated Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

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

Pollutant: Total Dissolved Solids

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

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

Boone Creek 7.4 to 12.6 (5.2 mi)

Fayette County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

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

Bowen Creek 0.0 to 1.6 (1.6 mi)

Leslie County

Into Red Bird River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.5.

Breeding Creek 0.9 to 4.2 (3.3 mi)

Knott County

Into Breeding Creek (Carr Fork Reservoir)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

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

Pollutant: Total Dissolved Solids

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Brush Creek 0.0 to 6.6 (6.6 mi)

Powell County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Buckhorn Creek 0.0 to 2.4 (2.4 mi)

Breathitt County

Into Troublesome Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Buckhorn Creek 2.4 to 6.8 (4.4 mi)

Breathitt County

Into Troublesome Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Total Dissolved Solids

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Bull Creek 0.0 to 2.0 (2 mi)

Knox County

Into Collins Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Cane Run 0.0 to 3.0 (3 mi)

Scott County

Into North Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

Kentucky Basin Unit
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Rivers

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

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

Cane Run 3.0 to 9.6 (6.6 mi)

Scott County

Into North Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Specific Conductance

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

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

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

Cane Run 9.6 to 17.4 (7.8 mi)

Fayette County

Into North Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

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

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Kentucky River Basin
Rivers

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

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

Caney Creek 0.0 to 1.5 (1.5 mi)

Owen County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

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

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

Carr Fork 6.2 to 8.9 (2.7 mi)

Knott County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

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

Pollutant: Total Dissolved Solids

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

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

Carr Fork 15.6 to 26.4 (10.8 mi)

Knott County

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

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

Pollutant: Total Suspended Solids (TSS)

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

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

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Kentucky River Basin
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Cat Creek 0.0 to 8.0 (8 mi)

Powell County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Cedar Creek 0.0 to 9.4 (9.4 mi)

Owen County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

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

Chambers Fork 0.7 to 1.1 (0.4 mi)

Wolfe County

Into Baptist Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Clarks Run 0.7 to 4.4 (3.7 mi)

Boyle County

Into Dix River (Herrington Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

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

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Municipal Point Source Discharges; Streambank Modifications/Destabilization

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Clarks Run 6.7 to 14.3 (7.6 mi)

Boyle County

Into Dix River (Herrington Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Streambank Modifications/Destabilization

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

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

Collins Fork 2.4 to 6.3 (3.9 mi)

Clay County

Into Goose Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Cope Fork 0.0 to 1.9 (1.9 mi)

Breathitt County

Into Frozen Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Crane Creek 0.0 to 5.4 (5.4 mi)

Clay County

Into South Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Crystal Creek 0.0 to 2.3 (2.3 mi)

Lee County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Landfills

Kentucky Basin Unit
Kentucky River Basin
Rivers

Cutshin Creek 9.7 to 10.7 (1 mi)

Leslie County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

David Fork 0.0 to 1.65 (1.65 mi)

Fayette County

Into North Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

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

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

Defeated Creek 0.5 to 1.6 (1.1 mi)

Knott County

Into Carr Creek Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Selenium

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

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

Dry Run 0.0 to 3.1 (3.1 mi)

Scott County

Into North Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Managed Pasture Grazing; Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Rivers

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.

Duck Fork 0.0 to 4.8 (4.8 mi)

Lee County

Into Sturgeon Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Eagle Creek 31.6 to 36.5 (4.9 mi)

Grant County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

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

Eagle Creek 50.8 to 58.5 (7.7 mi)

Grant County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

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

East Fork Otter Creek 0.0 to 2.7 (2.7 mi)

Madison County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

East Hickman Creek 4.1 to 10.5 (6.4 mi)

Fayette County

Into Hickman Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.2 to 10.2.

Elk Creek 0.0 to 1.6 (1.6 mi)

Owen County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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

Elkhorn Creek 0.0 to 18.2 (18.2 mi)

Franklin County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Flat Creek 0.0 to 7.1 (7.1 mi)

Franklin County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Flaxpatch Branch 0.1 to 2.6 (2.5 mi)

Knott County

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Frozen Creek 0.0 to 13.9 (13.9 mi)

Breathitt County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Goose Creek 0.0 to 1.85 (1.8 mi)

Shelby County

Into Benson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

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

Pollutant: Sedimentation/Siltation

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

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

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

Goose Creek 1.85 to 4.2 (2.35 mi)

Shelby County

Into Benson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Goose Creek 0.0 to 8.3 (8.3 mi)

Clay County

Into South Fork Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

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

Grapevine Creek 0.0 to 1.1 (1.1 mi)

Perry County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Hardwick Creek 0.0 to 3.2 (3.2 mi)

Powell County

Into Red River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

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

Hatton Creek 0.0 to 4.2 (4.2 mi)

Powell County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Hawes Fork 0.0 to 4.4 (4.4 mi)

Breathitt County

Into Quicksand Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Hector Branch 0.0 to 5.5 (5.5 mi)

Clay County

Into Red Bird River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Hickman Creek 0.0 to 6.0 (6 mi)

Jessamine County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

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

Hickman Creek 6.0 to 25.5 (19.5 mi)

Jessamine County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

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

Holly Creek 0.0 to 6.2 (6.2 mi)

Wolfe County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Horse Creek 0.0 to 8.3 (8.3 mi)

Clay County

Into Goose Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Irishman Creek 0.0 to 4.3 (4.3 mi)

Knott County

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Johnson Fork 0.0 to 0.5 (0.5 mi)

Wolfe County

Into Lacy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Judy Creek 0.0 to 1.5 (1.5 mi)

Powell County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky River 0.3 to 11.5 (11.2 mi)

Owen County

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

Kentucky River 53.2 to 66.95 (13.75 mi)

Franklin County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Rivers

Kentucky River 67.0 to 84.25 (17.25 mi)

Franklin County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Kentucky River 99.1 to 119.9 (20.8 mi)

Jessamine County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Kentucky River 121.1 to 138.5 (17.4 mi)

Jessamine County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Kentucky River 153.75 to 209.8 (56.05 mi)

Jessamine County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Lacy Creek 0.0 to 7.25 (7.25 mi)

Wolfe County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Laurel Creek 3.2 to 4.7 (1.5 mi)

Clay County

Into Goose Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.8 to 4.8.

Leatherwood Creek 1.55 to 3.1 (1.55 mi)

Perry County

Into Middle Fork of Kentucky River (Buckhorn Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Rivers

Left Fork Island Creek 0.0 to 5.0 (5 mi)

Owsley County

Into Island Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Left Fork Millstone Creek 1.6 to 2.9 (1.3 mi)

Letcher County

Into Millstone Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

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

Pollutant: pH

Suspected Sources: Surface Mining

Lick Creek 0.0 to 5.4 (5.4 mi)

Carroll County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Line Fork 9.1 to 11.6 (2.5 mi)

Letcher County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Line Fork 11.6 to 27.5 (15.9 mi)

Letcher County

Into Franks Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Little Carr Fork 0.0 to 4.8 (4.8 mi)

Knott County

Into Carr Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Little Smith Branch 0.3 to 1.4 (1.1 mi)

Knott County

Into Smith Branch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Little Willard Creek 0.0 to 2.5 (2.5 mi)

Perry County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Long Fork 0.0 to 4.6 (4.6 mi)

Breathitt County

Into Buckhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Rivers

Lost Creek 0.0 to 3.7 (3.7 mi)

Breathitt County

Into Troublesome Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Lost Creek 3.7 to 8.95 (5.25 mi)

Breathitt County

Into Troublesome Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Lotts Creek 0.4 to 1.0 (0.6 mi)

Knott County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Lotts Creek 1.2 to 6.0 (4.8 mi)

Perry County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Lower Howard Creek 2.65 to 6.5 (3.85 mi)

Clark County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

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

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.65 to 6.2.

Lulbehrud Creek 0.0 to 7.3 (7.3 mi)

Clark County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Marble Creek 0.05 to 3.9 (3.85 mi)

Jessamine County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Streambank Modifications/Destabilization

McConnell Run 0.0 to 4.4 (4.4 mi)

Scott County

Into North Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

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

Meadow Creek 0.5 to 3.7 (3.2 mi)

Owsley County

Into South Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Middle Fork Kentucky River 6.45 to 12.6 (6.15 mi)

Lee County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Loss of Riparian Habitat

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

Leslie County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Middle Fork of Kentucky River 67.9 to 74.6 (6.7 mi)

Leslie County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 67.0 to 73.4.

Mill Creek 0.0 to 3.3 (3.3 mi)

Letcher County

Into Rockhouse Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Suspended Solids (TSS)

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

Mocks Branch 1.6 to 5.7 (4.1 mi)

Boyle County

Into Dix River (Herrington Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

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).

Moseby Branch 0.0 to 2.2 (2.2 mi)

Owen County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Muddy Creek 0.0 to 20.6 (20.6 mi)

Madison County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 20.2.

Muncy Creek 2.7 to 4.7 (2 mi)

Leslie County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Noland Creek 0.05 to 1.2 (1.15 mi)

Estill County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

North Benson Creek 0.8 to 1.9 (1.1 mi)

Franklin County

Into Benson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.8 to 2.0.

North Elkhorn Creek 44.75 to 66.0 (21.25 mi)

Fayette County

Into Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Agriculture

North Elkhorn Creek 66.0 to 73.75 (7.75 mi)

Fayette County

Into Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

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

Franklin County

Into North Benson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

North Fork Kentucky River 145.5 to 147.9 (2.4 mi)

Letcher County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

North Fork Kentucky River 147.9 to 162.0 (14.1 mi)

Letcher County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Paint Lick Creek 0.0 to 7.5 (7.5 mi)

Garrard County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Plum Branch 0.0 to 3.9 (3.9 mi)

Powell County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Polls Creek 0.0 to 4.7 (4.7 mi)

Leslie County

Into Cutshin Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Potter Fork 0.0 to 4.4 (4.4 mi)

Letcher County

Into Boone Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Puncheon Camp Creek 0.0 to 3.5 (3.5 mi)

Breathitt County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.2.

Quicksand Creek 0.0 to 17.0 (17 mi)

Breathitt County

Into North Fork Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Turbidity

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

Quicksand Creek 21.7 to 30.8 (9.1 mi)

Breathitt County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Rattlesnake Creek 0.0 to 1.2 (1.2 mi)

Grant County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Rivers

Red Bird River 0.0 to 15.3 (15.3 mi)

Clay County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Red Lick Creek 0.0 to 5.0 (5 mi)

Estill County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Red River 64.1 to 67.6 (3.5 mi)

Wolfe County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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

Red River 70.0 to 83.9 (13.9 mi)

Wolfe County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

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

Red River 89.5 to 93.4 (3.9 mi)

Wolfe County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Richland Creek 0.0 to 0.8 (0.8 mi)

Owen County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Specialty Crop Production

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

Right Fork Lacy Creek 0.0 to 2.2 (2.2 mi)

Wolfe County

Into Lacy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Right Fork Millstone Creek 0.0 to 1.6 (1.6 mi)

Letcher County

Into Left Fork Millstone Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Rockhouse Creek 0.0 to 3.6 (3.6 mi)

Letcher County

Into North Fork Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Rose Fork 0.0 to 3.1 (3.1 mi)

Wolfe County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Salt River of Sixmile Creek 0.0 to 4.5 (4.5 mi)

Henry County

Into Sixmile Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

Sand Lick Fork 0.0 to 5.3 (5.3 mi)

Powell County

Into North Elkhorn Creek

Impaired Use: (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

Sexton Creek 0.1 to 17.2 (17.1 mi)

Clay County

Into Goose Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)

Silver Creek 11.1 to 29.8 (18.7 mi)

Madison County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation

Smith Branch 0.7 to 2.5 (1.8 mi)

Knott County

Into Carr Fork (Carr Fork Reservoir)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Snow Creek 0.0 to 3.9 (3.9 mi)

Powell County

Into Lulbegrud Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

South Elkhorn Creek 5.05 to 16.6 (11.55 mi)

Franklin County

Into Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Sediment Resuspension (Clean Sediment)

Pollutant: Total Dissolved Solids

Suspected Sources: Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$54,400 Section 319(h) Grants (FFY1999 and FFY2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to assist agricultural landowners with developing and implementing Agriculture Water Quality Plans in the Elkhorn Creek watershed.

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

South Elkhorn Creek 16.6 to 34.5 (17.9 mi)

Woodford County

Into Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

Kentucky Basin Unit
Kentucky River Basin
Rivers

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Rangeland Grazing; Urban Runoff/Storm Sewers

Pollutant: Total Dissolved Solids

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

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

South Elkhorn Creek 34.5 to 52.7 (18.2 mi)

Woodford County

Into Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

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

South Fork Kentucky River 11.75 to 18.9 (7.15 mi)

Owsley County

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

South Fork Quicksand Creek 0.0 to 16.9 (16.9 mi)

Breathitt County

Into Quicksand Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Rivers

Spears Creek 1.0 to 6.2 (5.2 mi)

Boyle County

Into Herrington Lake (Mocks Branch)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/Destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) \$185,773 to develop an HSPF model (FFY1997) and (2) \$121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999).

Spring Fork 3.1 to 6.9 (3.8 mi)

Breathitt County

Into Quicksand Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

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

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

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

Squabble Creek 0.0 to 4.7 (4.7 mi)

Perry County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Rivers

Station Camp Creek 0.0 to 21.3 (21.3 mi)

Jackson County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Steeles Run 0.0 to 5.1 (5.1 mi)

Fayette County

Into South Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Manure Runoff

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Manure Runoff

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

Stevens Creek 14.4 to 17.1 (2.7 mi)

Owen County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing

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

Stillwater Creek 0.0 to 3.5 (3.5 mi)

Wolfe County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Stinnett Creek 1.3 to 4.7 (3.4 mi)

Leslie County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Sturgeon Creek 8.0 to 12.2 (4.2 mi)

Lee County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Sugar Creek 4.8 to 6.0 (1.2 mi)

Garrard County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Dissolved Solids

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

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

Sulphur Creek 0.0 to 1.4 (1.4 mi)

Henry County

Into Drennon Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

Swift Camp Creek 0.0 to 13.95 (13.95 mi)

Wolfe County

Into Red River of Kentucky River

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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

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

Tate Creek 0.0 to 6.5 (6.5 mi)

Madison County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Ten Mile Creek 0.0 to 3.0 (3 mi)

Grant County

Into Eagle Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved
Suspected Sources: Source Unknown

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

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

Three Forks Creek 0.0 to 7.6 (7.6 mi)

Grant County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Source Unknown

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

Town Branch 0.0 to 9.2 (9.2 mi)

Fayette County

Into South Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

Pollutant: Specific Conductance
Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

Town Branch 9.2 to 10.8 (1.6 mi)

Fayette County

Into South Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area; Municipal Point Source Discharges); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

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

Pollutant: Specific Conductance

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

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Town Branch 10.8 to 12.1 (1.3 mi)

Fayette County

Into South Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Trace Fork 1.25 to 3.4 (2.15 mi)

Knott County

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Mountaintop Mining; Surface Mining

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

Troublesome Creek 0.0 to 45.1 (45.1 mi)

Breathitt County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Municipal Point Source Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted)

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities

Pollutant: Turbidity

Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities

Upper Devil Creek 0.0 to 1.0 (1 mi)

Wolfe County

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Rivers

Upper Howard Creek 0.0 to 3.2 (3.2 mi)

Clark County

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Rangeland Grazing

Upper Jacks Creek 0.0 to 2.2 (2.2 mi)

Clay County

Into Red Bird River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Upper Twin Creek 0.0 to 3.6 (3.6 mi)

Breathitt County

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

UT of East Hickman Creek 0.8 to 2.2 (1.4 mi)

Fayette County

Into East Hickman Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Urban Runoff/Storm Sewers

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

UT to Cane Run 0.0 to 2.1 (2.1 mi)

Fayette County

Into Cane Run

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

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

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

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

UT to Cane Run 0.0 to 2.4 (2.4 mi)

Fayette County

Into Cane Run

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

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

Pollutant: Phosphorus (Total)

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

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

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

UT to Cane Run 0.0 to 3.5 (3.5 mi)

Scott County

Into Cane Run

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

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

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

UT to Engle Fork 0.0 to 0.5 (0.5 mi)

Perry County

Into Engle Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Temperature, water

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

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

UT to N. Elkhorn Creek 0.0 to 5.6 (5.6 mi)

Fayette County

Into North Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing

Kentucky Basin Unit
Kentucky River Basin
Rivers

UT to North Branch Lulbehrad Creek 0.0 to 2.2 (2.2 mi)

Montgomery County

Into North Branch Lulbehrad Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

UT to North Elkhorn Creek 0.0 to 3.5 (3.5 mi)

Fayette County

Into North Elkhorn Creek

Impaired Use: (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4);
Municipal (Urbanized High Density Area); Residential Districts; Sanitary
Sewer Overflows (Collection System Failures); Wet Weather Discharges
(Non-Point Source)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4);
Municipal (Urbanized High Density Area); Residential Districts; Sanitary
Sewer Overflows (Collection System Failures); Wet Weather Discharges
(Non-Point Source)

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

UT to Smith Fork 0.0 to 0.55 (0.55 mi)

Madison County

Into Smith Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Surface Mining

UT to Swift Camp Creek 0.0 to 1.5 (1.5 mi)

Wolfe County

Into Swift Camp Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Rivers

UT to Trace Fork 0.05 to 0.7 (0.7 mi)

Knott County

Into Trace Fork

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste

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

West Fork Mill Creek 0.0 to 1.0 (1 mi)

Carroll County

Into Mill Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unspecified Urban Stormwater

West Hickman Creek 0.0 to 3.1 (3.1 mi)

Jessamine County

Into Hickman Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

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

West Hickman Creek 3.1 to 8.4 (5.3 mi)

Fayette County

Into Hickman Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Residential Districts; Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Residential Districts; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Residential Districts

KDOW awarded \$373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

Kentucky Basin Unit
Kentucky River Basin
Rivers

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

White Lick Creek 0.0 to 2.8 (2.8 mi)

Garrard County

Into Paint Lick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Suspended Solids (TSS)

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

White Oak Creek 0.0 to 2.8 (2.8 mi)

Garrard County

Into Dix River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Total Dissolved Solids

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

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

Wolf Run 0.0 to 4.4 (4.4 mi)

Fayette County

Into Town Branch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded \$314,114 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government (LFUCG) to restore the McConnell Springs stormwater quality wetland pond. More recently KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Wooten Creek 0.0 to 3.0 (3 mi)

Leslie County

Into Cutshin Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Springs

A.2 Kentucky River Basin Springs

Royal Spring 0.0 to 0.7 (0.7 mi)

Scott County

Into North Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

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

Pollutant: Phosphorus (Total)

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Freshwater Reservoirs

A.3 Kentucky River Basin Freshwater Reservoirs

Boltz Lake (92 acres)

Grant County

Into Arnolds Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Unspecified Urban Stormwater

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Unspecified Urban Stormwater

Bullock Pen Lake (134 acres)

Grant County

Into Bullock Pen Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Oxygen, Dissolved

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

Carr Fork Reservoir (710 acres)

Knott County

Into Carr Fork of North Fork Kentucky River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Cedar Creek Lake (784 acres)

Lincoln County

Into Cedar Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Elmer Davis Lake (149 acres)

Owen County

Into North Severn Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

Kentucky Basin Unit
Kentucky River Basin
Freshwater Reservoirs

Herrington Lake (2940 acres)

Garrard County

Into Dix River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) \$185,773 to develop an HSPF model (FFY1997) and (2) \$121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999).

KDOW utilized \$342,800 Section 319(h) Grant funds (FFY2002) to develop Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. In FFY2010, KDOW awarded \$200,460 Section 319(h) Grant funds to the City of Danville to work with the Dix River Watershed Council to implement the Plan. KDOW awarded \$194,400 Section 319(h) Grant funds (FFY2011) to the Lincoln and Boyle County Conservation Districts for implementation of agricultural practices outlined in the Plan.

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

Dissolved oxygen was mistakenly identified as a pollutant on the 2010 303(d) list. This has been corrected to Organic Enrichment (Sewage) Biological Indicators.

Lake Reba (78 acres)

Madison County

Into Muddy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Pollutant: Oxygen, Dissolved

Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Kentucky Basin Unit
Kentucky River Basin
Freshwater Reservoirs

Wilgreen Lake (169 acres)

Madison County

Into Taylor Fork of Silver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Oxygen, Dissolved

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

The 2010 303(d) list mistakenly had Secondary Contact Recreation as an impaired use for this segment.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative

B.1 Licking River Basin Rivers

Allison Creek 0.0 to 4.95 (4.95 mi)

Fleming County

Into Fleming Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Allison Creek has been a targeted watershed for coordination and funding.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

Banklick Creek 0.0 to 3.45 (3.45 mi)

Kenton County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Banklick Creek 3.5 to 8.2 (4.7 mi)

Kenton County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

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

Banklick Creek 8.2 to 19.2 (11 mi)

Kenton County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement

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a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

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

Beaver Creek 10.0 to 14.4 (4.4 mi)

Menifee County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Big Half Mountain Creek 0.0 to 4.0 (4 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers

Blacks Creek 0.0 to 5.7 (5.7 mi)

Bourbon County

Into Hinkston Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

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

The river miles for this segment have been changed to more accurately reflect additional upstream sampling. This segment was formerly 0.0 to 3.4.

Blackwater Creek 3.9 to 11.8 (7.9 mi)

Morgan County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 3.8 to 11.7.

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Boone Creek 0.0 to 5.2 (5.2 mi)

Bourbon County

Into Hinkston Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

Boone Creek 5.2 to 9.1 (3.9 mi)

Bourbon County

Into Hinkston Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

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

Broadtree Fork 0.0 to 1.6 (1.6 mi)

Magoffin County

Into Left Fork of Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Broke Leg Creek 0.0 to 1.0 (1 mi)

Morgan County

Into Blackwater Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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Broke Leg Creek 1.0 to 4.4 (3.4 mi)

Morgan County

Into Blackwater Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source

Buffalo Creek 0.0 to 2.85 (2.85 mi)

Magoffin County

Into Lick Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Burning Fork 0.0 to 3.3 (3.3 mi)

Magoffin County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Burning Fork 3.3 to 7.9 (4.6 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization, Coal Mining, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers

Caney Creek 0.0 to 4.2 (4.2 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

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Caskey Fork 0.0 to 2.3 (2.3 mi)

Morgan County

Into Grassy Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Christy Creek 0.0 to 4.3 (4.3 mi)

Rowan County

Into Triplett Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Clarks Run 0.0 to 2.1 (2.1 mi)

Mason County

Into North Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Coffee Creek 0.0 to 4.1 (4.1 mi)

Morgan County

Into Williams Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/Destabilization

Cooper Run 0.0 to 10.15 (10.15 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.1.

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Craintown Branch 0.0 to 3.6 (3.6 mi)

Fleming County

Into Fleming Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

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

Crane Creek 0.0 to 2.9 (2.9 mi)

Fleming County

Into Fox Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization

Crooked Creek 0.0 to 9.1 (9.1 mi)

Nicholas County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Cruises Creek 0.0 to 8.7 (8.7 mi)

Kenton County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Doty Branch 0.0 to 2.3 (2.3 mi)

Fleming County

Into Fleming Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

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

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Dry Creek 0.0 to 2.5 (2.5 mi)

Rowan County

Into Triplett Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

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

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Elk Fork 0.0 to 4.9 (4.9 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Silviculture Activities

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

Elk Fork 4.9 to 10.5 (5.6 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

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

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Elk Fork 12.6 to 14.7 (2.1 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

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

Fannins Branch 1.5 to 3.4 (1.9 mi)

Morgan County

Into Elk Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Flat Creek 0.0 to 0.9 (0.9 mi)

Bath County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Flat Run 0.0 to 2.2 (2.2 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

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Licking River Basin
Rivers

Flat Run 2.2 to 9.05 (6.85 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

Fleming Creek 12.8 to 16.0 (3.2 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fleming Creek 20.8 to 39.4 (18.6 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of

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Rivers

Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fleming Creek 0.0 to 12.8 (12.8 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fox Creek 0.0 to 10.1 (10.1 mi)

Fleming County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Natural Sources

Fox Creek 10.1 to 16.0 (5.9 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Fox Creek 20.1 to 22.7 (2.6 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Harvesting

Grassy Creek 4.6 to 10.0 (5.4 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

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

Green Creek 0.0 to 8.15 (8.15 mi)

Bourbon County

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

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

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Green Creek 8.45 to 9.7 (1.25 mi)

Clark County

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

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

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Hancock Creek 4.3 to 7.6 (3.3 mi)

Clark County

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers

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

Pollutant: pH

Suspected Sources: Source Unknown

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

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

Hinkston Creek 0.0 to 12.6 (12.6 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Hinkston Creek 20.8 to 31.0 (10.2 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

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Hinkston Creek 41.8 to 49.1 (7.3 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

Hinkston Creek 51.5 to 65.9 (14.4 mi)

Montgomery County

Into South Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

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

Hoods Creek 0.0 to 6.3 (6.3 mi)

Clark County

Into Strodes Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

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Rivers

Horsepen Fork 0.0 to 1.2 (1.2 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Houston Creek 0.0 to 9.0 (9 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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

Houston Creek 9.0 to 12.7 (3.7 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Golf Courses

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

Howard Branch 0.0 to 2.0 (2 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Johnson Creek 0.0 to 0.9 (0.9 mi)

Clark County

Into Strodes Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

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

Johnson Creek 0.0 to 3.1 (3.1 mi)

Magoffin County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining

Johnson Creek 6.0 to 8.6 (2.6 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas)

Kennedy Creek 0.0 to 5.7 (5.7 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

The river miles for this segment have been changed to reflect additional up-stream sampling. This segment was formerly 0.0 to 3.8.

Lees Creek 0.0 to 4.3 (4.3 mi)

Mason County

Into North Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

Left Fork of Johnson Creek 0.0 to 3.15 (3.15 mi)

Magoffin County

Into Johnson Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Left Fork White Oak Creek 0.0 to 1.8 (1.8 mi)

Morgan County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

Lick Branch 0.0 to 2.3 (2.3 mi)

Magoffin County

Into Right Fork of Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Lick Creek 0.0 to 2.15 (2.15 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather

Lick Creek 2.15 to 4.6 (2.45 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Licking River 0.0 to 4.65 (4.65 mi)

Campbell County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.8.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Licking River 4.8 to 14.9 (10.1 mi)

Campbell County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Licking River 76.65 to 88.8 (12.15 mi)

Harrison County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Lead

Suspected Sources: Source Unknown

Licking River 174.3 to 180.6 (6.3 mi)

Rowan County

Into Ohio River

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 174.4 to 180.8.

Licking River 224.1 to 241.1 (17 mi)

Morgan County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 224.3 to 241.3.

Licking River 249.55 to 264.85 (15.3 mi)

Magoffin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Licking River 264.85 to 271.45 (6.6 mi)

Magoffin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;
Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers; Wet
Weather Discharges (Non-Point Source)

Pollutant: Turbidity

Suspected Sources: Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 265.0 to 271.6.

Licking River 271.45 to 293.95 (22.55 mi)

Magoffin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 271.6 to 294.1.

Licking River 293.95 to 302.2 (8.25 mi)

Magoffin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 294.1 to 302.4.

Little Beaver Creek 0.0 to 3.3 (3.3 mi)

Harrison County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline
Zones; Highway/Road/Bridge Runoff (Non-construction Related)

Little Blackwater Creek 0.0 to 7.15 (7.15 mi)

Morgan County

Into Blackwater Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Little Caney Creek 0.0 to 1.95 (1.95 mi)

Morgan County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Little Stoner Creek 0.0 to 5.3 (5.3 mi)

Clark County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

Locust Creek 0.0 to 11.8 (11.8 mi)

Fleming County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

Logan Run 0.0 to 2.3 (2.3 mi)

Fleming County

Into Fleming Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise for AWQA compliance.

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Long Branch 0.0 to 3.9 (3.9 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Coal Mining; Mountaintop Mining; Non-Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Mash Fork 0.0 to 3.0 (3 mi)

Magoffin County

Into Horsepen Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Middle Fork of Licking River 0 to 2.5 (2.5 mi)

Magoffin County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Mill Creek 0.0 to 21.6 (21.6 mi)

Harrison County

Into South Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

North Fork Licking River 2.3 to 18.55 (16.25 mi)

Bracken County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

North Fork Licking River 18.55 to 45.5 (26.95 mi)

Bracken County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 18.5 to 52.5.

North Fork Licking River 8.5 to 12.3 (3.8 mi)

Morgan County

Into Licking River (Cave Run Lake)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 8.4 to 12.0.

North Fork Licking River 12.3 to 13.4 (1.1 mi)

Morgan County

Into Licking River (Cave Run Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 12.0 to 13.1.

Oldfield Fork 0.0 to 3.6 (3.6 mi)

Morgan County

Into Grassy Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Plum Lick Creek 0.0 to 5.9 (5.9 mi)

Bourbon County

Into Boone Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Source Unknown

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

Phillips Creek 0.0 to 5.3 (5.3 mi)

Campbell County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Pretty Run 0.0 to 8.0 (8 mi)

Clark County

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

of Riparian Habitat; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Prickly Ash Creek 0.0 to 3.1 (3.1 mi)

Bath County

Into Slate Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

KDOW awarded \$66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to implement on-site wastewater treatment alternatives in the Slate Creek Watershed.

Puncheon Camp Creek 0.0 to 1.15 (1.15 mi)

Magoffin County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.1.

Right Fork of Middle Fork of Licking River 3.1 to 4.6 (1.5 mi)

Magoffin County

Into Middle Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Rock Fork 0.0 to 4.0 (4 mi)

Rowan County

Into North Fork Triplett Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels)

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Salt Lick Creek 3.0 to 8.0 (5 mi)

Bath County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Rangeland Grazing

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Scott Creek 2.1 to 3.9 (1.8 mi)

Rowan County

Into Licking River (Cave Run Reservoir)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Scrubgrass Creek 0.0 to 1.6 (1.6 mi)

Nicholas County

Into Cassidy Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Slate Creek 0.0 to 13.55 (13.55 mi)

Bath County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to educate and implement on-site wastewater treatment alternatives in the Slate Creek Watershed. As part of the FFY1998 Section 319(h) Grant, KDOW awarded an additional \$235,000 for design and installation of a decentralized wastewater treatment facility for the community of Preston; located in the headwaters of the Slate Creek watershed. KDOW also awarded \$608,310 Section 319(h) Grant funds (FFY2003) to Tetra Tech, Inc. for straight pipe remediation and decentralized wastewater solutions for the community of Olympia in the Slate Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 13.6.

South Fork Licking River 11.6 to 16.95 (5.35 mi)

Pendleton County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Spruce Creek 0.0 to 1.7 (1.7 mi)

Montgomery County

Into Slate Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones

Spruce Pine Fork 0.0 to 1.4 (1.4 mi)

Magoffin County

Into Left Fork of Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Rural (Residential Areas)

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Licking River Basin
Rivers

This segment was misidentified on the 2010 303(d) list. It was incorrectly called Left Fork of Licking River 0.0 to 1.4.

State Road Fork 0.0 to 1.4 (1.4 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.8.

Stinson Creek 0.0 to 3.3 (3.3 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Stoner Creek 0.0 to 5.55 (5.55 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.5.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Stoner Creek 5.55 to 15.0 (9.445 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

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

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Licking River Basin
Rivers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.5 to 15.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Stoner Creek 17.3 to 30.1 (12.8 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Animal Feeding Operations; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access

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

Stoner Creek 35.7 to 45.1 (9.4 mi)

Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access

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

Stony Creek 0.0 to 3.0 (3 mi)

Nicholas County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Straight Creek 0.0 to 1.8 (1.8 mi)

Morgan County

Into Elk Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

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

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Licking River Basin
Rivers

Strodes Creek 2.7 to 7.9 (5.2 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

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

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Strodes Creek 7.9 to 19.3 (11.4 mi)

Bourbon County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

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

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Municipal Point Source Discharges; Non-Point Source

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Strodes Creek 19.3 to 26.4 (7.1 mi)

Clark County

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Threemile Creek 0.1 to 4.7 (4.6 mi)

Campbell County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Trace Fork 0.0 to 3.1 (3.1 mi)

Magoffin County

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Pollutant: Turbidity

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

Triplett Creek 5.8 to 12.3 (6.5 mi)

Rowan County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point Source Discharges

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed, a direct tributary to this impaired segment of Triplett Creek. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.9 to 12.3.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

UT of Blacks Creek 0.0 to 1.7 (1.7 mi)

Bourbon County

Into Blacks Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sediment/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

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

UT of Blacks Creek 0.0 to 2.3 (2.3 mi)

Bourbon County

Into Blacks Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sediment/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

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

UT of Blanket Creek 0.0 to 0.2 (0.2 mi)

Pendleton County

Into Blanket Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

UT of Cooper Run 0.0 to 1.0 (1.0 mi)

Bourbon County

Into Cooper Run

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

UT of Cooper Run 0.0 to 3.05 (3.05 mi)

Bourbon County

Into Cooper Run

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

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

UT of Cooper Run 0.0 to 3.8 (3.8 mi)

Bourbon County

Into Cooper Run

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

UT of Flat Run 0.0 to 2.1 (2.1 mi)

Bourbon County

Into Flat Run

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

UT of Pond Creek 0.0 to 1.15 (1.15 mi)

Campbell County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

UT of Strodes Creek 0.0 to 3.7 (3.7 mi)

Clark County

Into Strodes Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

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

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers; Freshets or Major Flooding

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.8.

UT to Hancock Creek 0.0 to 3.72 (3.72 mi)

Clark County

Into Hancock creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

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

UT to Mill Creek 0.0 to 4.0 (4 mi)

Fleming County

Into Mill Creek and North Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

UT to Lees Creek 0.0 to 1.6 (1.6 mi)

Mason County

Into Lees Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Wheel Rim Fork 0.0 to 2.9 (2.9 mi)

Morgan County

Into Johnson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Williams Creek 0.0 to 5.3 (5.3 mi)

Morgan County

Into Elk Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Salt/Licking Basin Management Unit
Licking River Basin
Rivers

Woodruff Creek 0.0 to 3.7 (3.7 mi)

Clark County

Into Strodes Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Non-Point Source

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Non-Point Source

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Salt/Licking Basin Management Unit
Licking River Basin
Freshwater Reservoirs

B.2 Licking River Basin Freshwater Reservoirs

Cave Run Lake (8270 acres)

Rowan County

Licking River - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

Doe Run Lake (49 acres)

Kenton County

Into Bullock Pen Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown; Upstream Source

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown; Upstream Source

The acres for this lake have been adjusted. The acres were formerly 51.0.

Kincaid Lake (162 acres)

Pendleton County

Kincaid Creek - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

The acres for this lake have been adjusted. The acres were formerly 183.0.

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

B.3 Ohio River Basin Rivers

Allen Fork 2.0 to 4.6 (2.6 mi)

Boone County

into Woolper Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Unspecified Urban Stormwater

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

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

Big South Fork 2.1 to 4.1 (2 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.3 to 4.3.

Big Sugar Creek 0.7 to 2.0 (1.3 mi)

Gallatin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)

Bracken Creek 2.8 to 11.0 (8.2 mi)

Bracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Briery Branch 0.2 to 2.2 (2 mi)

Lewis County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)

Brush Creek 0.0 to 2.35 (2.35 mi)

Campbell County

Into Twelvemile Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Cabin Creek 3.6 to 11.3 (7.7 mi)

Mason County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

Clary Branch 0.0 to 1.9 (1.9 mi)

Lewis County

Into Salt Lick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland

Dry Creek 0.2 to 7.0 (6.8 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Dry Creek 1.1 to 3.0 (1.9 mi)

Gallatin County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Pollutant: 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 (8.3 mi)

Campbell County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)

Goose Creek 0.0 to 1.9 (1.9 mi)

Bracken County

Into Locust Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Natural Sources; Surface Mining

Gunpowder Creek 0.0 to 15.0 (15 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

Gunpowder Creek 15.4 to 17.1 (1.7 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Unspecified Urban Stormwater

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

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

Gunpowder Creek 18.9 to 21.6 (2.7 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Unspecified Urban Stormwater

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

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

Laurel Fork 5.8 to 15.9 (10.1 mi)

Lewis County

Into Kinniconick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

- Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Silviculture Activities
- Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas
- Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities
- Pollutant: Turbidity
Suspected Sources: Dredging (e.g., for Navigation Channels); Silviculture Activities

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

Lick Run Creek 0.0 to 3.5 (3.5 mi)

Breckinridge County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

- Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production
- Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Little Kentucky River 21.3 to 27.7 (6.4 mi)

Henry County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 21.5 to 27.65.

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Locust Creek 0.0 to 4.1 (4.1 mi)

Bracken County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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

Locust Creek 4.1 to 12.2 (8.1 mi)

Bracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

McCoys Fork 0.0 to 2.2 (2.2 mi)

Boone County

Into Mudlick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Middle Creek 0.4 to 5.6 (5.2 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment), Silviculture Activities

Montgomery Creek 0.0 to 6.5 (6.5 mi)

Lewis County

Into Kinniconick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Site Clearance (Land Development or Redevelopment)

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Salt Lick Creek 0.2 to 7.2 (7 mi)

Lewis County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/Parkland

Snag Creek 0.5 to 5.5 (5 mi)

Bracken County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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

South Fork Gunpowder Creek 0.0 to 2.0 (2 mi)

Boone County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

Pollutant: Turbidity

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

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

South Fork Gunpowder Creek 4.1 to 6.8 (2.7 mi)

Boone County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

KDOW awarded \$501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a Watershed Plan for Gunpowder Creek.

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

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Tenmile Creek 0.05 to 1.15 (1.1 mi)

Campbell County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Trace Creek 0.2 to 4.6 (4.4 mi)

Lewis County

Into Kinniconick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Silviculture Activities

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Sewage Discharges in Unsewered Areas; Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

UT of McKinney Branch 0.0 to 1.2 (1.2 mi)

Lewis County

Into McKinney Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Woolper Creek 2.8 to 7.45 (4.65 mi)

Boone County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.8 to 7.2.

Salt/Licking Basin Management Unit
Ohio River Basin
Rivers

Woolper Creek 11.9 to 14.0 (2.1 mi)

Boone County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/Modification; Urban Runoff/Storm Sewers

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

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

Salt/Licking Basin Management Unit
Ohio River Basin
Freshwater Reservoirs

B.4 Ohio River Basin Freshwater Reservoirs

Alexandria Park Lake (6.1 acres)

Campbell County

Into Fourmile Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Lake Jericho (137 acres)

Henry County

Little Kentucky River - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Oxygen, Dissolved

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

B.5 Salt River Basin Rivers

Ashers Run From 0.0 to 4.8 (4.8 mi)

Oldham County

Into Currys Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

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

Pollutant: Fecal Coliform

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

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

Beargrass Creek 0.5 to 1.8 (1.3 mi)

Jefferson County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Beech Creek 4.6 to 19.6 (15 mi)

Shelby County

Into Taylorsville Lake (Salt River)

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

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Beech Fork 39.5 to 50.4 (10.9 mi)

Nelson County

Into Rolling Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Big South Fork 0.0 to 12.65 (12.65 mi)

Marion County

Into Rolling Fork

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.4.

Blue Spring Ditch 0.0 to 2.1 (2.1 mi)

Jefferson County

Into Northern Ditch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

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

Brashears Creek 0.0 to 13.0 (13 mi)

Spencer County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Brooks Run 0.0 to 2.7 (2.5 mi) Bullitt County

Into Floyds Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.5.

Brooks Run 2.7 to 4.4 (1.7 mi)

Bullitt County

Into Floyds Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.5 to 4.1.

Brooks Run 4.4 to 6.4 (2 mi)

Bullitt County

Into Floyds Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.1 to 6.1.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Bullitt Lick Creek 0.0 to 2.3 (2.3 mi)

Bullitt County

Into Salt River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Site Clearance (Land Development or Redevelopment)

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Site Clearance (Land Development or Redevelopment)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Bullskin Creek 14.4 to 22.4 (8 mi)

Shelby County

Into Brashears Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Cane Run 0.0 to 7.3 (7.3 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

Caney Fork 0.0 to 4.0 (4 mi)

Nelson County

Into Cox Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban
Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban
Runoff/Storm Sewers

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Cartwright Creek 0.0 to 6.6 (6.6 mi)

Washington County

Into Beech Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Cartwright Creek 12.7 to 15.3 (2.6 mi)

Washington County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Cedar Creek 4.3 to 11.1 (6.8 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

Cedar Creek 12.0 to 16.1 (4.1 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Chaplin River 0.0 to 23.1 (23.1 mi)

Nelson County

Into Beech Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Chaplin River 63.0 to 69.7 (6.7 mi)

Mercer County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Cheese Lick 0.7 to 4.4 (3.7 mi)

Anderson County

Into Sulphur Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;
Streambank Modifications/Destabilization

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

Chenoweth Run 0.0 to 5.25 (5.25 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.2.

Chenoweth Run 5.25 to 9.2 (3.95 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Grazing in Riparian or Shoreline Zones; Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Fecal Coliform

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

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.2 to 9.2.

Clear Creek 0 to 4.4 (4.4 mi)

Hardin County

Into Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Clear Creek 0.0 to 11.0 (11 mi)

Shelby County

Into Bullskin Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

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

Cox Creek 0.0 to 4.7 (4.7 mi)

Bullitt County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Cox Creek 4.7 to 11.4 (6.7 mi)

Nelson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Cox Creek 11.4 to 18.6 (7.2 mi)

Nelson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.2 to 15.5.

Cox Creek 18.6 to 23.9 (5.3 mi)

Nelson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source

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

Crooked Creek 5.6 to 12.8 (7.2 mi)

Bullitt County

Into Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Currys Fork 0.0 to 4.8 (4.8 mi)

Oldham County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Doe Run 4.1 to 7.9 (3.8 mi)

Meade County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

East Fork Beech Fork 0.0 to 1.9 (1.9 mi)

Washington County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

East Fork Cox Creek 0.0 to 4.3 (4.3 mi)

Bullitt County

Into Cox Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

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

Fern Creek 0.0 to 1.3 (1.3 mi)

Jefferson County

Into Northern Ditch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Fern Creek 1.3 to 4.4 (3.1 mi)

Jefferson County

Into Northern Ditch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Fern Creek 4.4 to 5.9 (1.5 mi)

Jefferson County

Into Northern Ditch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Floyds Fork 0.0 to 11.7 (11.7 mi)

Bullitt County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Floyds Fork 11.7 to 24.2 (12.5 mi)

Jefferson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.6 to 24.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Floyds Fork 24.2 to 34.1 (9.9 mi)

Jefferson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Floyds Fork 34.1 to 61.9 (27.8 mi)

Oldham; Shelby County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Pollutant: Sedimentation/Siltation

Suspected Sources: Municipal (Urbanized High Density Area); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Froman Creek 0.0 to 1.25 (1.25 mi)

Nelson County

Into Cox Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

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

Goose Creek 0.3 to 3.6 (3.3 mi)

Jefferson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Goose Creek 3.6 to 13.0 (9.4 mi)

Jefferson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges;
Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

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

Guist Creek 15.7 to 28.0 (12.3 mi)

Shelby County

Into Brashears Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g.,
PI-566 NRCS Structures), Unspecified Urban Stormwater, Livestock
(Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g.,
PI-566 NRCS Structures), Unspecified Urban Stormwater, Livestock
(Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding
Operations), Unspecified Urban Stormwater, Upstream Impoundments (e.g.,
PI-566 NRCS Structures)

Hardins Creek 0.0 to 11.4 (11.4 mi)

Breckinridge County

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

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

This segment is a combination of two former segments, 0.0 to 5.0 and 5.2 to 11.1. Also, the river miles have been adjusted to reflect the National Hydrography Data Set.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Hardins Creek 13.3 to 22.9 (9.6 mi)

Marion County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Phosphorus (Total)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Hardy Creek 0.0 to 1.4 (1.4 mi)

Trimble County

Into Little Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

Hardy Creek 1.6 to 5.6 (4 mi)

Trimble County

Into Little Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Harrods Creek 0.0 to 3.2 (3.2 mi)

Oldham County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area)

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Harrods Creek watershed.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Hayden Creek 0.0 to 1.3 (1.3 mi)

Mercer County

Into Chaplin River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Other

Suspected Sources: Source Unknown

Hite Creek 0.0 to 5.5 (5.5 mi)

Jefferson County

Into South Fork Harrods Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Municipal Point Source Discharges

Jeptha Creek 0.0 to 0.7 (0.7 mi)

Shelby County

Into Guist Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

Jones Creek 0.0 to 3.9 (3.9 mi)

Marion County

Into North Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Little Goose Creek 0.0 to 9.2 (9.2 mi)

Jefferson County

Into Goose Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Urban Runoff/Storm Sewers

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

Long Lick Creek 0.0 to 10.5 (10.5 mi)

Bullitt County

Into Salt River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Long Run 0.0 to 9.9 (9.9 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Mellins Branch 0.0 to 1.5 (1.5 mi)

Carroll County

Into Little Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)

Middle Fork Beargrass Creek 0.0 to 2.0 (2 mi)

Jefferson County

Into Beargrass Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Mill Creek 0.0 to 11.2 (11.2 mi)

Jefferson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Urban Runoff/Storm Sewers

Mill Creek Cutoff 0.0 to 2.4 (2.4 mi)

Jefferson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

North Fork Currys Fork 0.0 to 6.0 (6.0 mi)

Oldham County

Into Currys Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Northern Ditch 0.0 to 7.3 (7.3 mi)

Jefferson County

Into Southern Ditch/Pond Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Otter Creek 0.0 to 2.9 (2.9 mi)

Larue County

Into Rolling Fork

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Otter Creek 0.0 to 10.7 (10.7 mi)

Meade County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Pennsylvania Run 0.0 to 3.3 (3.3 mi)

Jefferson County

Into Cedar Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Inappropriate Waste Disposal; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Upstream Impoundments (e.g., PI-566 NRCS Structures); Urban Runoff/Storm Sewers

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with *Escherichia coli*.

Pleasant Run 4.2 to 6.9 (2.7 mi)

Washington County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

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

Plum Creek 0.0 to 17.8 (17.8 mi)

Spencer County

Into Salt River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Pond Creek 0.0 to 1.5 (1.5 mi)

Oldham County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Municipal Point Source Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Pond Creek/Southern Ditch 5.1 to 8.1 (3 mi)

Jefferson County

Into Pond Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pope Lick Creek 0.0 to 2.1 (2.1 mi)

Jefferson County

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.0 to 5.2.

Pope Lick Creek 2.1 to 5.5 (3.4 mi) **Jefferson County**

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Road Run 0.0 to 7.1 (7.1 mi)

Washington County

Into Cartwright Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Streambank Modifications/Destabilization; Urban Runoff/S

Rocky Run 0.0 to 2.3 (2.3 mi)

Bullitt County

Into Cox Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

Rolling Fork 0.0 to 37.75 (37.75 mi)

Bullitt County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 40.7.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt River 11.7 to 25.9 (14.2 mi)

Bullitt County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$244,000 Section 319(h) Grant funds (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.9 to 26.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Salt River 111.9 to 135.25 (23.35 mi)

Mercer County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Short Creek 0.0 to 5.0 (5 mi)

Washington County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Sinking Creek 8.7 to 15.4 (6.7 mi)

Breckinridge County

Into Ohio River

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Sinking Creek 15.4 to 39.75 (24.35 mi)

Breckinridge County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 15.4 to 39.7.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

South Fork Beargrass Creek 0.0 to 2.7 (2.7 mi)

Jefferson County

Into Beargrass Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

South Fork Beargrass Creek 2.7 to 13.6 (10.9 mi)

Jefferson County

Into Beargrass Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

South Fork Currys Fork 0.0 to 6.1 (6.1 mi)

Oldham County

Into Currys Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

South Long Run 0.0 to 3.35 (3.35 mi)

Jefferson County

Into Long Run

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

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

Southern Ditch 0.0 to 5.9 (5.9 mi)

Jefferson County

Into Pond Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Sulphur Creek 0.0 to 10.0 (10 mi)

Anderson County

Into Chaplin River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Thompson Creek 0.0 to 9.3 (9.3 mi)

Washington County

Into Chaplin River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.2.

Tioqa Creek 0.0 to 2.5 (2.5 mi)

Hardin County

Into Abrahams Run

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts; Upstream Source

UT of Mill Creek 0.0 to 1.7 (1.7 mi)

Washington County

Into Mill Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

UT of South Fork Currys Fork 0.0 to 1.8 (1.8 mi)

Oldham County

Into South Fork Currys Fork

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

UT of UT of North Prong Long Lick Creek 0.0 to 0.25 (0.3 mi)

Washington County

Into UT of North Prong Long Lick Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

UT to Brooks Run 0.0 to 2.0 (2 mi)

Bullitt County

Into Brooks Run

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

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

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

UT to Buffalo Run 0.0 to 1.1 (1.1 mi)

Bullitt County

Into Buffalo Run

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and \$244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

UT to Hammond Creek 0.0 to 1.8 (1.8 mi)

Anderson County

Into Hammond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

UT to Pond Creek 0.0 to 0.5 (0.5 mi)

Oldham County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

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

UT to Salt River 0.0 to 2.4 (2.4 mi)

Mercer County

Into Salt River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

UT to Southern Ditch 0.0 to 2.6 (2.6 mi)

Jefferson County

Into Southern Ditch

There is no GNIS code for S

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Impervious Surface/Parking Lot Runo

UT to UT to Guist Creek 0.0 to 2.4 (2.4 mi)

Shelby County

Into Guist Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

West Fork Cox Creek 0.0 to 6.9 (6.9 mi)

Bullitt County

Into Cox Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

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

Wetwoods Creek (Slop Ditch) 2.2 to 4.25 (2.05 mi)

Jefferson County

Into Northern Ditch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cadmium

Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

This stream has historically been canalized and is in an urban/industrial center with a now closed landfill in the immediate watershed. Since the last assessment in 2006 the stream channel was moved to accommodate landfill closure and a natural stream design was executed.

Salt/Licking Basin Management Unit
Salt River Basin
Rivers

Wilson Creek 0.0 to 2.2 (2.2 mi)

Bullitt County

Into Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oxygen, Dissolved

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

KDOW awarded \$336,305 in Section 319(h) Grant funds (FFY2000) to the Bernheim Arboretum and Research Forest to conduct riparian and stream restoration and to provide technical training on natural channel design techniques and methodologies.

Withrow Creek 0.0 to 3.9 (3.9 mi)

Nelson County

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Other Spill Related Impacts

Pollutant: Oxygen, Dissolved

Suspected Sources: Other Spill Related Impacts

Younger Creek 0.0 to 4.5 (4.5 mi)

Hardin County

Into Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations); Silviculture Activities

Pollutant: Sedimentation/Siltation

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

Salt/Licking Basin Management Unit
Salt River Basin
Freshwater Reservoirs

B.6 Salt River Basin Freshwater Reservoirs

Beaver Creek Lake (148 acres)

Anderson County

Into Chaplin River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: (Methyl)mercury
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Littoral/Shore Area Modifications (Non-riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved
Suspected Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non-riverine); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Guist Creek Lake (317 acres)

Shelby County

Guist Creek - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

Pollutant: Oxygen, Dissolved
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

McNeely Lake (53 acres)

Jefferson County

Pennsylvania Run - Impoundment

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury
Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 51.0.

Shelby Lake (17 acres)

Shelby County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Internal Nutrient Recycling

The acres for this lake have been adjusted. The acres were formerly 17.0.

Salt/Licking Basin Management Unit
Salt River Basin
Freshwater Reservoirs

Taylorsville Reservoir (3050 acres)

Spencer County

Into Salt River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved

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

Salt/Licking Basin Management Unit
Salt River Basin
Ponds

B.7 Salt River Basin Ponds

Chickasaw Park Pond (1.5 acres)

Jefferson County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown
Riparian Habitat; Silviculture Activities

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative

C.1 Lower Cumberland River Basin Rivers

Casey Creek 0.0 to 3.6 (3.6 miles)

Trigg County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sources Outside State Jurisdiction or Borders

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Claylick Creek 4.8 to 10.7 (5.9 miles)

Crittenden County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

Claylick Creek 10.7 to 13.9 (3.2 miles)

Crittenden County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

Crab Creek 0.0 to 4.8 (4.8 miles)

Lyon County

Into Livingston Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Cypress Creek 0.1 to 6.1 (6 miles)

Livingston County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Donaldson Creek 7.1 to 11.6 (4.5 miles)

Trigg County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Dredge Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.2 to 9.3.

Dry Creek 0.0 to 3.65 (3.65 miles)

Caldwell County

Into Eddy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Off-road Vehicles

Dry Fork 0.0 to 7.3 (7.3 miles)

Logan County

Into Whipporwill Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

Pollutant: Oxygen, Dissolved

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

Dry Fork Creek 5.8 to 6.6 (0.8 miles)

Christian County

Into Noah Springs Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Eddy Creek 10.25 to 13.15 (2.9 miles)

Caldwell County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Eddy Creek 13.15 to 15.9 (2.75 miles)

Lyon County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrates

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Rural (Residential Areas)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.0 to 15.7.

The Nitrate/Nitrite (Nitrite + Nitrate as N) listing on the 2010 303(d) report has been more correctly identified as Nitrates.

Elk Fork 22.3 to 31.1 (8.8 miles)

Todd County

Into Red River of Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Elk Fork 31.1 to 33.1 (1.6 miles)

Todd County

Into Red River of Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown; Unspecified Urban Stormwater

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Ferguson Creek 1.2 to 2.3 (1.1 miles)

Livingston County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Kenady Creek 0.0 to 4.0 (4 miles)

Trigg County

Into Muddy Fork of Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Little River 15.3 to 21.1 (5.9 miles)

Trigg County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Dam or Impoundment

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.7 to 20.6.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Little River 21.1 to 30.6 (9.5 miles)

Trigg County

Into Cumberland River (Lake Barkley)

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)
Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Phosphorus (Total)
Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.6 to 30.0.

Little River 30.6 to 31.9 (1.3 miles)

Trigg County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 30.0 to 31.4.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Little River 31.9 to 46.1 (14.2 miles)

Trigg County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 31.4 to 45.5.

Little River 46.1 to 58.3 (12.2 miles)

Christian County

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 45.5 to 57.7.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Livingston Creek 4.65 to 7.1 (2.45 miles)

Lyon County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.6 to 7.0.

Livingston Creek 11.6 to 15.5 (3.9 miles)

Lyon County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Long Pond Branch 2.7 to 3.2 (0.5 miles)

Trigg County

Into Muddy Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Lower Branch 3.4 to 9.3 (5.9 miles)

Christian County

Into North Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Middle Branch of North Fork of Little River 1.3 to 3.9 (2.6

Christian County

Into North Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Montgomery Creek 0.00 to 11.10 (11.1 miles)

Christian County

Into Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Muddy Fork Little River 13.2 to 25.3 (12.1 miles)

Trigg County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.5 to 26.6.

Muddy Fork Little River 25.3 to 28.8 (3.45 miles)

Trigg County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

North Fork Little River 0.0 to 0.3 (0.3 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

North Fork of Little River 0.3 to 7.0 (6.7 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

North Fork of Little River 7.0 to 10.9 (3.9 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

North Fork of Little River 10.9 to 16.2 (5.3 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Pleasant Grove Creek 0.0 to 2.2 (2.2 miles)

Logan County

Into Red River of Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

KDOW awarded \$125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Red River 50.95 to 54.5 (3.55 miles)

Logan County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Pollutant: Escherichia coli

Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.8 to 54.5.

Red River 54.5 to 56.9 (2.4 miles)

Logan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Rural (Residential Areas)

KDOW awarded \$125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Red River 57.0 to 65.8 (8.8 miles)

Logan County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Red River 65.8 to 74.3 (8.5 miles)

Logan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/Destabilization

Red River 74.3 to 81.3 (7 miles)

Simpson County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Sinking Fork 13.6 to 16.8 (3.2 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

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Sinking Fork 31.0 to 32.7 (1.7 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

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Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Sinking Fork Little River 2.1 to 5.55 (3.45 miles)

Trigg County

Into Little River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.2 to 5.6.

Skinframe Creek 0.0 to 4.8 (4.8 miles)

Lyon County

Into Livingston Creek

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Skinner Creek 0.0 to 5.9 (5.9 miles)

Trigg County

Into Casey Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.8.

Smith Branch 0.00 to 1.05 (1.05 miles)

Logan County

Into South Fork Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

South Fork of Little River 0.0 to 10.3 (10.3 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Other

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

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

South Fork of Little River 10.3 to 20.3 (10 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Other

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

South Fork of Little River 21.3 to 26.1 (4.8 miles)

Christian County

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

Spring Creek 3.0 to 3.5 (0.5 miles)

Lyon County

Into Livingston Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

Sugar Creek 1.3 to 1.6 (0.6 miles)

Christian County

Into Muddy Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

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The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.0 to 1.4.

Sugar Creek 2.2 to 6.9 (4.7 miles)

Livingston County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

Upper Branch 0.0 to 2.8 (2.8 miles)

Christian County

Into North Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

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UT of Cumberland River 0.10 to 2.20 (2.1 miles)

Livingston County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

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

UT of Elk Fork Creek 0.0 to 4.8 (4.8 miles)

Todd County

Into Elk Fork Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

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

UT of West Fork Red River 0.00 to 6.0 (6 miles)

Todd County

Into West Fork Red River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT to Dry Creek 0.0 to 2.9 (2.9 miles)

Trigg County

Into Dry Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.1.

UT to Little Whippoorwill Creek 0.1 to 0.6 (0.5 miles)

Logan County

Into Little Whippoorwill Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

Wallace Fork 0.00 to 3.0 (3 miles)

Christian County

Into Muddy Fork of Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

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Warrens Fork 0.0 to 3.5 (3.5 miles)

Christian County

Into South Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Rivers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

West Fork Red River 14.75 to 26.8 (12.05 miles)

Christian County

Into Red River of Cumberland River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

White Creek 0.0 to 2.2 (2.2 miles)

Christian County

Into North Fork Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

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Tennessee-Mississippi-Cumberland Basin Management Unit
Lower Cumberland River Basin
Freshwater Reservoirs

C.2 Lower Cumberland River Basin Freshwater Reservoirs

Hematite Lake (85 acres)

Trigg County

Into Long Creek (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 90.0.

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

C.3 Mississippi River Basin Rivers

Bayou de Chien 0.0 to 4.2 (4.2 miles)

Fulton County

Into Obion Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Bayou de Chien 8.8 to 14.3 (5.5 miles) Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper

Suspected Sources: Municipal Point Source Discharges

Pollutant: Iron

Suspected Sources: Municipal Point Source Discharges

Pollutant: Lead

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Brush Creek 0.0 to 6.3 (6.3 miles)

Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids

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

Brush Creek 0.0 to 8.4 (8.4 miles)

Graves County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Dredging (e.g., for Navigation Channels)

Caddle Creek 0.00 to 2.00 (2 miles)

Carlisle County

Into Hurricane Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Caldwell Creek 0.0 to 3.0 (3 miles)

Graves County

Into Terrapin Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Cane Creek 0.0 to 4.4 (4.4 miles)

Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production

Cane Creek 0.0 to 5.3 (5.3 miles)

Hickman County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed.

Cane Creek 0.3 to 4.1 (3.8 miles)

Ballard County

Into Shawnee Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Gilbert Creek 1.7 to 3.5 (1.8 miles)

Graves County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Goose Creek 0.0 to 4.4 (4.4 miles)

Graves County

Into Wilson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Hazel Creek 0.0 to 3.7 (3.7 miles)

Ballard County

Into Axe Lake (Wetland Ponds)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Hurricane Creek 0.0 to 3.7 (3.7 miles)

Carlisle County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);
Loss of Riparian Habitat; Non-irrigated Crop Production

Key Creek 0.0 to 1.9 (1.9 miles)

Graves County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Knob Creek 1.4 to 3.1 (1.7 miles)

Graves County

Into Blackmore Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.3 to 3.0.

Lick Creek 0.0 to 2.2 (2.2 miles)

Carlisle County

Into Heflin Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Oil and Grease

Suspected Sources: Source Unknown

Little Bayou de Chien 0.0 to 1.3 (1.3 miles)

Hickman County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Little Bayou de Chein 10.0 to 12.3 (2.3 miles)

Fulton County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Little Creek 0.0 to 5.3 (5.3 miles) **Hickman County**

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Little Cypress Creek 0.0 to 2.0 (2 miles)

Graves County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Little Cypress Creek 0.0 to 3.6 (3.6 miles)

Hickman County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Non-irrigated Crop Production

Little Mayfield Creek 0.0 to 10.6 (10.6 miles)

Graves County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Little Mud Creek 0.0 to 1.95 (1.95 miles)

Fulton County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Mayfield Creek 1.7 to 5.0 (3.3 miles)

Carlisle County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.2 to 5.5.

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Mayfield Creek 10.65 to 16.0 (5.35 miles)

Carlisle County

Into Mississippi River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli
Suspected Sources: Agriculture; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper
Suspected Sources: Source Unknown

Pollutant: Iron
Suspected Sources: Source Unknown

Pollutant: Lead
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.1 to 16.5.

Mayfield Creek 16.0 to 35.7 (19.7 miles)

McCracken County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; 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 16.5 to 35.7.

Mayfield Creek 35.7 to 37.7 (2.0 miles)

Graves County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization

Mayfield Creek 37.7 to 40.4 (2.7 miles)

Graves County

Into Mississippi River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture, Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 38.2 to 40.8.

The Unknown listing on the 2010 303(d) report has been more correctly identified as Nutrient/Eutrophication Biological Indicators and Sedimentation/Siltation.

Mayfield Creek 40.4 to 43.3 (2.9 miles)

Graves County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 40.8 to 43.7.

Mayfield Creek 51.65 to 59.5 (7.85 miles)

Graves County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Loss of Riparian Habitat

Mayfield Creek 59.5 to 61.9 (2.4 miles)

Calloway County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 59.6 to 62.3.

Mud Creek 0.0 to 7.8 (7.8 miles)

Fulton County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Obion Creek 1.35 to 16.25 (14.9 miles)

Hickman County

Into Mississippi River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Impacts from Hydrostructure Flow Regulation/Modification;
Loss of Riparian Habitat; Non-irrigated Crop Production

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.2.

Obion Creek 33.25 to 36.55 (3.3 miles)

Hickman County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Upstream/Downstream Source

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 31.9 to 35.2.

Obion Creek 41.0 to 44.4 (3.4 miles)

Hickman County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Source Unknown

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

In 2009, KDOW awarded \$131,172 of Section 319(h) Grant (FFY 2005) funds to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of natural stream flow conditions of Little Joe Creek, a tributary of Obion Creek. An additional \$506,375.80 has been provided by Fees-In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife, and \$102,000 by the Kentucky Transportation Cabinet through Transportation Easement Act funds to restore stream channel dimensions, flow patterns and profile to those of natural flow conditions of 9,000 feet of Obion Creek.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 39.65 to 43.1.

Obion Creek 44.4 to 49.9 (5.5 miles)

Hickman County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 43.1 to 48.6.

Obion Creek 49.9 to 55.7 (5.8 miles)

Graves County

Into Mississippi River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 48.6 to 54.4.

Opossum Creek 0.0 to 2.3 (2.3 miles)

Graves County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization

Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 (3 miles)

Carlisle County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture

Running Slough 0.3 to 15.7 (15.4 miles)

Fulton County

Into Obion River (Reelfoot Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.2.

Shawnee Creek 0.0 to 3.2 (3.2 miles)

Ballard County

Into Shawnee Creek Slough

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Municipal Point Source Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Natural Sources

Shawnee Creek 3.2 to 12.4 (9.2 miles)

Ballard County

Into Shawnee Creek Slough

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

Shawnee Creek Slough 0.0 to 3.7 (3.7 miles)

Ballard County

Into Twin Lake

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron
Suspected Sources: Source Unknown

Pollutant: Lead
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources

South Fork of Bayou de Chien 0.0 to 2.0 (2 miles)

Graves County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat

South Fork Bayou de Chien 2.0 to 7.4 (5.4 miles)

Graves County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Sugar Creek 0.0 to 1.3 (1.3 miles)

Ballard County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Terrapin Creek 2.8 to 6.9 (4.1 miles)

Graves County

Into North Fork Obion River (TN)

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.7 to 6.0.

Truman Creek 3.2 to 4.1 (0.9 miles)

Carlisle County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Loss of Riparian Habitat

UT of Obion Creek 0.9 to 7.7 (6.8 miles)

Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT of UT of Little Bayou de Chien 0.00 to 0.85 (0.85 miles)

Fulton County

Into UT to Little Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

UT of West Fork Mayfield Creek 0.00 to 3.00 (3 miles)

Carlisle County

Into West Fork Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT to Brush Creek 0.0 to 1.9 (1.9 miles)

Hickman County

Into Brush Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian
Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian
Habitat; Non-irrigated Crop Production

Pollutant: Total Kjeldahl Nitrogen (TKN)

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian
Habitat; Non-irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

UT to Mayfield Creek 0.0 to 1.0 (1 miles)

McCracken County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

UT to Mayfield Creek 1.1 to 3.5 (2.4 miles)

Graves County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

UT to Mud Creek 0.0 to 2.2 (2.2 miles)

Fulton County

Into Mud Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Obion Creek 1.6 to 2.2 (0.6 miles)

Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

UT to Vulton Creek 0.00 to 2.45 (2.45 miles)

Graves County

Into Vulton Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Loss of Riparian Habitat

Whayne Branch 1.0 to 8.15 (7.15 miles)

Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Phosphorus (Total)

Suspected Sources: Animal Feeding Operations (NPS)

Tennessee-Mississippi-Cumberland Basin Management Unit
Mississippi River Basin
Rivers

Wilson Creek 0.0 to 2.15 (2.15 miles)

Carlisle County

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.1.

Tennessee-Mississippi-Cumberland Basin Management Unit
Ohio River Basin
Rivers

C.4 Ohio River Basin Rivers

Bayou Creek 0.0 to 11.4 (11.4 miles)

McCracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Beta particles and photon emitters

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Copper

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Mercury

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.5 to 11.9.

Clanton Creek 0.0 to 4.9 (4.9 miles)

Ballard County

Into Humphrey Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

Humphrey Creek 0.0 to 3.4 (3.4 miles)

Ballard County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.7.

Tennessee-Mississippi-Cumberland Basin Management Unit
Ohio River Basin
Rivers

Humphrey Creek 3.4 to 11.2 (7.8 miles)

Ballard County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.7 to 11.6.

Little Bayou Creek 0.0 to 7.2 (7.2 miles)

McCracken County

Into Bayou Creek

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Beta particles and photon emitters

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Cause Unknown

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Copper

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

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

Massac Creek 3.9 to 4.4 (0.5 miles)

McCracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.1 to 4.7.

Middle Fork of Massac Creek 0.0 to 6.4 (6.4 miles)

McCracken County

Into Massac Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

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

Pollutant: Sedimentation/Siltation

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Ohio River Basin
Rivers

Newtons Creek 0.0 to 7.85 (7.85 miles)

McCracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.3 to 8.2.

UT of Middle Fork Massac Creek 0.00 to 2.90 (2.9 miles)

McCracken County

Into Middle Fork Massac Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT to Massac Creek 0.0 to 1.7 (1.7 miles)

McCracken County

Into Massac Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Ohio River Basin
Freshwater Reservoirs

C.5 Ohio River Basin Freshwater Reservoirs

Fish Lake (27 acres)

Ballard County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Metropolis Lake (36 acres)

McCracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin

Pollutant: Oxygen, Dissolved

Suspected Sources: Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

C.6 Tennessee River Basin Rivers

Angle Creek 0.0 to 0.8 (0.8 miles)

Marshall County

Into Barrett Branch

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Bear Creek 0.6 to 1.6 (1 miles)

Graves County

Into West Fork Clarks River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Municipal Point Source Discharges

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Bear Creek 4.0 to 7.2 (3.2 miles)

Marshall County

Into Tennessee River (Kentucky Lake)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Bee Creek 0.0 to 0.7 (0.7 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Blizzard Ponds Drainage Canal 0.0 to 3.7 (3.7 miles)

McCracken County

Into West Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas); Sand/Gravel/Rock Mining or Quarries

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries

Camp Creek 0.0 to 5.4 (5.4 miles)

McCracken County

Into West Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Other

Suspected Sources: Source Unknown

Champion Creek 0.0 to 1.5 (1.5 miles)

McCracken County

Into Island Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Site Clearance (Land Development or Redevelopment)

Chestnut Creek 0.0 to 3.0 (3 miles)

Marshall County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Other

Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Clarks River 4.9 to 13.1 (8.2 miles)

McCracken County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.0 to 13.2.

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Clarks River 13.1 to 20.5 (7.4 miles)

McCracken County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.2 to 20.6.

Clarks River 34.8 to 42.6 (7.8 miles)

Marshall County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Non-irrigated Crop Production; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land);
Non-irrigated Crop Production; Streambank Modifications/Destabilization

Clarks River 51.8 to 55.1 (3.3 miles)

Calloway County

Into Tennessee River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.9 to 55.6.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Clarks River 55.6 to 64.7 (9.1 miles)

Calloway County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Clarks River 64.7 to 66.8 (2.1 miles)

Calloway County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

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

Clayton Creek 0.75 to 3.3 (2.55 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Clayton Creek 3.3 to 7.7 (4.4 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Clear Creek 0.7 to 3.1 (2.4 miles)

Marshall County

Into Jonathan Creek (Kentucky Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Cypress Creek 0.1 to 6.2 (6.1 miles)

Marshall County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Industrial Point Source Discharge; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.1 to 6.3.

Cypress Creek 6.2 to 7.7 (1.5 miles)

Marshall County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.3 to 7.7.

Cypress Creek 7.7 to 9.7 (2 miles)

Marshall County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Farley Branch 0.0 to 2.2 (2.2 miles)

Calloway County

Into Middle Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Guess Creek 0.0 to 2.6 (2.6 miles)

Livingston County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Haskell Branch 1.2 to 4.5 (3.3 miles)

Graves County

Into Spring Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Island Creek 0.0 to 5.7 (5.7 miles)

McCracken County

Into Tennessee River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.6.

Island Creek 5.7 to 10.1 (4.4 miles)

McCracken County

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.6 to 10.3.

Jonathan Creek 7.3 to 10.6 (3.3 miles)

Calloway County

Into Tennessee River (Kentucky Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$132,300 Section 319(h) Grant funds (FFY2000) to the Jackson Purchase Foundation to design, install and demonstrate a decentralized wastewater treatment system for over 170 homes in the community of Pirates Cove in the Jonathan Creek watershed.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.4 to 10.9.

Little Bee Creek 0.0 to 2.15 (2.15 miles)

Marshall County

Into Bee Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Salinity

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Little Cypress Creek 0.0 to 3.4 (3.4 miles)

Marshall County

Into Cypress Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Little Cypress Creek 3.4 to 6.0 (2.6 miles)

Marshall County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Middle Fork Clarks River 2.7 to 4.8 (2.1 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

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

Middle Fork Creek 0.2 to 6.0 (5.8 miles)

Marshall County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Panther Creek 0.0 to 3.1 (3.1 miles)

Graves County

Into West Fork Clarks River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Reeves Branch 0.0 to 0.3 (0.3 miles)

Marshall County

Into Sugar Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Spring Creek 0.0 to 2.0 (2 miles)

Graves County

Into West Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization

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

Spring Creek 3.6 to 5.4 (1.8 miles)

Graves County

Into West Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Turkey Creek 0.0 to 3.4 (3.4 miles)

Graves County

Into Spring Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

UT of Middle Fork Clarks River 0.00 to 1.3 (1.3 miles)

Calloway County

Into Middle Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

UT to Clarks River 0.0 to 3.3 (3.3 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications;
Channelization; Crop Production (Crop Land or Dry Land); Impervious
Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-
irrigated Crop Production; Urban Runoff/St

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase
Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

UT to Old Beaver Dam Slough 0.0 to 0.5 (0.5 miles)

Marshall County

Into Old Beaver Dam Slough

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8 (0.65)

Calloway County

Into UT to Tennessee River (Kentucky Lake)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Off-road Vehicles; Silviculture Harvesting

West Fork of Clarks River 0.0 to 10.35 (10.35 miles)

McCracken County

Into Clarks River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Urban Runoff/Storm Sewers

Pollutant: Escherichia coli

Suspected Sources: Agriculture, Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography
Data Set. This segment was formerly 0.0 to 10.4.

Tennessee-Mississippi-Cumberland Basin Management Unit
Tennessee River Basin
Rivers

West Fork of Clarks River 20.1 to 28.35 (8.25 miles)

Marshall County

Into Clarks River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.1 to 28.4.

The Methylmercury listing on the 2010 303(d) report has been more correctly identified as Mercury in Fish Tissue.

West Fork of Clarks River (Relict Channel) 19.7 to 22.7 is no longer hydrologically connected to the canalized West Fork of Clark's River and was removed from the 303(d) List. This is now the same segment as listed above.

West Fork of Clarks River (Relict Channel) 0.0 to 11.1 (11.1 miles)

Graves County

Into West Fork Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

C.7 Upper Cumberland River Basin Rivers

Acorn Fork 0.0 to 1.9 (1.9 miles)

Knox County

Into Stinking Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

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

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

Allen Creek 0.0 to 4.15 (4.15 miles)

Cumberland County

Into Marrowbone Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

Alum Cave Branch 1.7 to 3.60 (1.9 miles)

Jackson County

Into Laurel Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat

Bark Camp Creek 0.1 to 3.8 (3.7 miles)

Whitley County

Into South Fork Cumberland River

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Beaver Creek 17.4 to 17.7 (0.3 miles)

Wayne County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Beaver Creek 17.7 to 35.5 (17.8 miles)

Wayne County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 16.6 to 34.5.

Becks Creek 0.0 to 4.0 (4 miles)

Whitley County

Into Jellico Creek

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Surface Mining

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

Pollutant: pH

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

BeeLick Creek 7.5 to 10.9 (3.4 miles)

Lincoln County

Into Brushy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed. In 2010, KDOW awarded \$487,919 Section 319(h) Grant funds to the Pulaski County Conservation District to develop a Watershed Plan for the Brushy Creek watershed.

Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 (3.2 miles)

Bell County

Into Yellow Creek Bypass

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Bens Fork 0.0 to 2.2 (2.2 miles)

Bell County

Into Little Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

Big Clifty Creek 4.7 to 6.7 (2 miles)

Pulaski County

Into Lake Cumberland

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Municipal Point Source Discharges

Big Indian Creek 0.0 to 5.6 (5.6 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Big Renox Creek 0.0 to 5.8 (5.8 miles)

Cumberland County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Board Branch 0.5 to 1.8 (1.3 miles)

Harlan County

Into Martins Fork (Reservoir)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Briary Creek 0.0 to 4.4 (4.4 miles)

Pulaski County

Into Buck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Recreational Pollution Sources

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Brush Creek 0.0 to 3.5 (3.5 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

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

Pollutant: Turbidity

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

Buck Creek 45.6 to 53.0 (7.4 miles)

Pulaski County

Into Cumberland River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Bull Run 0.0 to 3.7 (3.7 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Legacy Coal Extraction; Loss of Riparian Habitat

Cane Creek 0.0 to 4.4 (4.4 miles)

Whitley County

Into Clear Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oxygen, Dissolved

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

Cannon Creek 0.0 to 1.8 (1.8 miles)

Bell County

Into Yellow Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat

Catron Creek 0.0 to 8.9 (8.9 miles)

Harlan County

Into Martins Fork Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Non-Point Source

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Clear Fork 17.0 to 19.4 (2.4 miles)

Whitley County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Surface Mining

Clover Fork 9.2 to 15.5 (6.3 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Clover Fork 15.5 to 18.2 (2.7 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining

Clover Fork 18.2 to 28.2 (10 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Clover Fork 28.2 to 28.9 (0.7 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Source Unknown; Surface Mining

Clover Fork 28.9 to 33.8 (4.9 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Surface Mining

Cloverlick Creek 0.0 to 5.0 (5 miles)

Harlan County

Into Poor Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Colliers Creek 0.0 to 4.1 (4.1 miles)

Letcher County

Into Poor Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Craig Creek 5.8 to 6.8 (1 miles)

Laurel County

Into Laurel River Reservoir

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/Destabilization

Crane Creek 1.4 to 2.0 (0.6 miles)

Harlan County

Into Martins Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Cranks Creek 1.6 to 2.4 (0.8 miles)

Harlan County

Into Martins Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Crocus Creek 4.9 to 14.0 (9.1 miles)

Cumberland County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Mine Tailings

Crocus Creek 14.0 to 17.15 (3.15 miles)

Adair County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Cumberland River 569.4 to 575.1 (5.7 miles)

Whitley County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Cumberland River 653.25 to 659.95 (6.7 miles)

Bell County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 554.65 to 569.4.

Cumberland River 671.9 to 682.3 (10.4 miles)

Harlan County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

East Fork of Lynn Camp Creek 0.0 to 4.5 (4.5 miles)

Knox County

Into Lynn Camp Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment)

Elk Spring Creek 0.0 to 7.8 (7.8 miles)

Wayne County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Ewing Creek 0.1 to 2.9 (2.8 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Ferris Fork Creek 0.0 to 1.2 (1.2 miles)

Cumberland County

Into Marrowbone Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat

Gilmore Creek 0.0 to 5.9 (5.9 miles)

Lincoln County

Into Buck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Goodin Creek 2.1 to 2.6 (0.5 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Grassy Branch 0.0 to 0.55 (0.55 miles)

Jackson County

Into Laurel Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Harris Branch 0.25 to 0.6 (0.35 miles)

Harlan County

Into Martins Fork (Reservoir)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Hatchell Branch 0.0 to 1.0 (1 miles)

McCreary County

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

Hazel Patch Creek 0.0 to 1.8 (1.8 miles)

Laurel County

Into Little Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Indian Creek 0.0 to 4.2 (4.2 miles)

Pulaski County

Into Buck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Dredging (e.g., for Navigation Channels)

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

The Sedimentation/Siltation listing on the 2010 303(d) report has been more correctly identified as Cause Unknown.

Indian Creek 0.0 to 4.5 (4.5 miles)

Jackson County

Into Middle Fork Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Jennys Branch 0.0 to 6.0 (6 miles)

McCreary County

Into Laurel Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Kilburn Fork 0.9 to 6.2 (5.3 miles)

McCreary County

Into Indian Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Laurel Creek 3.65 to 5.1 (1.45 miles)

McCreary County

Into Marsh Creek

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source Unknown

Laurel Fork of Clear Fork 4.25 to 10.3 (6.05 miles)

Whitley County

Into Clear Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

Laurel Fork of Clear Fork 10.3 to 13.8 (3.5 miles)

Whitley County

Into Clear Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Woodlot Site Clearance

Laurel River 0.9 to 2.2 (1.3 miles)

Laurel County

Into Cumberland River

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Temperature, water

Suspected Sources: Dam or Impoundment; Upstream Source

Laurel River 23.7 to 24.9 (1.2 miles)

Laurel County

Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Laurel River 26.35 to 33.95 (7.6 miles)

Laurel County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 26.3 to 33.7.

Laurel River 33.95 to 44.7 (10.75 miles)

Laurel County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 33.7 to 39.8.

Left Fork of Straight Creek 0.0 to 13.1 (13.1 miles)

Bell County

Into Straight Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Upstream Source

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Pollutant: Turbidity

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Lewis Creek 0.0 to 3.5 (3.5 miles)

Cumberland County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

Pollutant: Sedimentation/Siltation

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

Lick Creek 0.00 to 3.65 (6.7 miles)

Laurel County

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Lick Fork 0.0 to 1.3 (1.3 miles)

Harlan County

Into Fugitt Creek

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Line Creek 2.3 to 5.5 (3.2 miles)

Pulaski County

Into Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Little Clear Creek 0.0 to 10.9 (10.9 miles)

Bell County

Into Clear Creek of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction

Pollutant: Specific Conductance

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Legacy Coal Extraction

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Little Laurel River 0.0 to 8.4 (8.4 miles)

Laurel County

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Non-Point Source; Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Little Laurel River 8.4 to 12.7 (4.3 miles)

Laurel County

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Phosphorus (Total)
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Little Laurel River 12.7 to 14.8 (2.1 miles)

Laurel County

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Little Laurel River 14.8 to 23.0 (8.2 miles)

Laurel County

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Little Poplar Creek 0.0 to 2.8 (2.8 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Little Poplar Creek 3.1 to 4.4 (1.3 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas)

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Little Raccoon Creek 0.0 to 7.7 (7.7 miles)

Laurel County

Into South Fork Rockcastle River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Legacy Coal Extraction

Pollutant: Manganese

Suspected Sources: Legacy Coal Extraction

Pollutant: pH

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Legacy Coal Extraction

Little South Fork 0.0 to 4.4 (4.4 miles)

Wayne County

Into Big South Fork Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Surface Mining

Lynn Camp Creek 0.04 to 3.45 (3.41 miles)

Laurel County

Into Lake Cumberland

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted
Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Oil and Grease

Suspected Sources: Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Package Plant or Other Permitted
Small Flows Discharges; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Habitat Modification - Other than Hydromodification; Other Spill Related
Impacts; Source Unknown; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Lynn Camp Creek 4.5 to 10.5 (6 miles)

Whitley County

Into Laurel River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Marrowbone Creek 0.0 to 2.8 (2.8 miles)

Cumberland County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Marsh Creek 13.5 to 16.5 (3 miles)

McCreary County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities

Marsh Creek 19.0 to 24.1 (5.1 miles)

McCreary County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining

Martins Fork 10.2 to 15.85 (5.65 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Dam or Impoundment; Upstream Source

Pollutant: Temperature, water

Suspected Sources: Dam or Impoundment; Upstream Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.8 to 17.45.

Martins Fork 19.4 to 28.85 (9.45 miles)

Harlan County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Meadow Creek 0.0 to 7.4 (7.4 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access

Middle Fork of Beaver Creek 0.0 to 2.3 (2.3 miles)

McCreary County

Into Beaver Creek

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Middle Fork of Richland Creek 0.0 to 1.2 (1.2 miles)

Knox County

Into Richland Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining

Mitchell Creek 0.0 to 3.8 (3.8 miles)

Laurel County

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

Mud Creek of Clear Fork 0.0 to 5.2 (5.2 miles)

Whitley County

Into Clear Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Pitman Creek 5.4 to 6.0 (0.6 miles)

Pulaski County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Municipal Point Source Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.8 to 5.95.

Pond Creek 0.0 to 6.3 (6.3 miles)

Jackson County

Into South Fork Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Loss of Riparian Habitat

Poor Fork of Cumberland River 14.9 to 16.3 (1.4 miles)

Harlan County

Into Martins Fork of Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Poplar Creek 4.7 to 5.85 (1.15 miles)

Whitley County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Powder Mill Creek 0.0 to 4.9 (4.9 miles)

Laurel County

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

Raccon Creek 0.0 to 2.3 (2.3 miles)

Jackson County

Into Horselick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Raccoon Creek 0.0 to 2.7 (2.7 miles)

Laurel County

Into South Fork Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access

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

Raleigh Fork 0.0 to 1.1 (1.1 miles)

Letcher County

Into South Fork Colliers Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Renfro Creek 0.0 to 3.1 (3.1 miles)

Rockcastle County

Into Roundstone Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

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

Richland Creek 0.0 to 6.3 (6.3 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Non-Point Source

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Urban Runoff/Storm Sewers

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-Point Source

Roaring Paunch Creek 7.8 to 15.6 (7.8 miles)

McCreary County

Into South Fork Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

KDOW awarded \$280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop and implement a Watershed Plan for Roaring Paunch, Bear and Big Creeks watersheds in the Big South Fork Cumberland River.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Rock Creek 0.0 to 4.3 (4.3 miles)

McCreary County

Into South Fork Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

Rock Creek 16.5 to 21.5 (5 miles)

McCreary County

Into South Fork Cumberland River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Roundstone Creek 0.0 to 10.9 (10.9 miles)

Rockcastle County

Into Rockcastle River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

Roundstone Creek 17.1 to 23.9 (6.8 miles)

Rockcastle County

Into Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

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

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Ryans Creek 0.0 to 5.7 (5.7 miles)

McCreary County

Into Jellico Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: 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 5.7.

Sallys Branch 0.00 to 2.90 (2.9 miles)

Laurel County

Into Little Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Sam Branch 0.0 to 0.5 (0.5 miles)

Pulaski County

Into Fishing Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Sampson Branch 0.00 to 4.70 (4.7 miles)

Laurel County

Into Little Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Sims Fork 0.0 to 5.2 (5.2 miles)

Bell County

Into Left Fork Straight Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Sinking Creek 13.35 to 17.65 (4.3 miles)

Laurel County

Into Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Urban Runoff/Storm Sewers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

Skegg Creek 0.0 to 3.3 (3.3 miles)

Rockcastle County

Into Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

South Fork of Colliers Creek 0.0 to 1.9 (1.9 miles)

Letcher County

Into Colliers Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Legacy Coal Extraction

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Legacy Coal Extraction

South Fork of Rockcastle River 21.2 to 29.1 (7.9 miles)

Laurel County

Into Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Stevenson Branch 0.0 to 1.9 (1.9 miles)

Bell County

Into Yellow Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Stinking Creek 0.0 to 2.1 (2.1 miles)

Knox County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oil and Grease

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Source Unknown

Pollutant: pH

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production; Petroleum/Natural Gas Activities; Surface Mining

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Stinking Creek 11.3 to 17.6 (6.3 miles)

Knox County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Stoney Fork 0.0 to 2.3 (2.3 miles)

Bell County

Into Straight Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining; Woodlot Site Clearance

Pollutant: Turbidity

Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Stony Fork 0.0 to 5.3 (5.3 miles)

Bell County

Into Bennetts Fork Yellow Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Woodlot Site Clearance

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Woodlot Site Clearance

Straight Creek 1.7 to 23.3 (21.6 miles)

Bell County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Sugar Camp Branch 0.0 to 1.4 (1.4 miles)

Pulaski County

Into Lacey Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

UT of Cumberland River 0.0 to 1.95 (1.95 miles)

Cumberland County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

UT of Little Laurel River 0.0 to 1.4 (1.4 miles)

Laurel County

Into Little Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Municipal (Urbanized High Density Area)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

UT of Powder Mill Creek 0.00 to 1.10 (1.1 miles)

Laurel County

Into Powder Mill Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

UT of Smith Creek 0.0 to 1.6 (1.6 miles)

Clinton County

Into Smith Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Loss of Riparian Habitat

UT of UT of Little Laurel River 0.0 to 0.1 (0.1 miles)

Laurel County

Into UT to Little Laurel Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

UT of UT to Acorn Fork 0.0 to 0.2 (0.2 miles)

Knox County

Into UT to Acorn Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

UT to Acorn Fork 0.0 to 0.25 (0.25 miles)

Knox County

Into Acorn Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

UT to Helton Branch 0.0 to 0.4 (0.4 miles)

Knox County

Into Helton Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat

UT to Jennys Branch 0.0 to 1.3 (1.3 miles)

McCreary County

Into Jennys Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Source Unknown

UT to UT to Acorn Fork 0.0 to 0.55 (0.55 miles)

Knox County

Into UT to Acorn Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Activities

Wallins Creek 0.0 to 4.2 (4.2 miles)

Harlan County

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Erosion from Derelict Land (Barren Land)

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

White Oak Creek 0.0 to 1.0 (1 miles)

Laurel County

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Agriculture

Pollutant: Turbidity

Suspected Sources: Agriculture

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

White Oak Creek 0.0 to 4.2 (4.2 miles)

McCreary County

Into Rock Creek

Mouth to Headwaters

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

White Oak Creek 7.1 to 11.2 (4.1 miles)

Pulaski County

Into Cumberland River (Lake Cumberland)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Whitley Branch 1.1 to 2.6 (1.5 miles)

Laurel County

Into Little Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Wolf Creek 0.0 to 1.8 (1.8 miles)

Whitley County

Into Clear Fork Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Surface Mining

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Rivers

Wood Creek 0.0 to 1.95 (1.95 miles)

Laurel County

Into Little Rockcastle River

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Yellow Creek 0.0 to 6.65 (6.65 miles)

Bell County

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Domestic Waste; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

Tennessee-Mississippi-Cumberland Basin Management Unit
Upper Cumberland River Basin
Freshwater Reservoirs

C.8 Upper Cumberland River Basin Freshwater Reservoirs

Corbin City Reservoir (139 acres)

Laurel County

Laurel River - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Lake Cumberland (50250 acres)

Russell County

Cumberland River - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Atmospheric Deposition - Toxics

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Appendix D. Green/Tradewater Basin Unit 303(d) List: Narrative

D.1 Green River Basin Rivers

Adams Fork 0.0 to 4.6 (4.6 miles)

Ohio County

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Austin Creek 2.6 to 3.6 (1 miles)

Logan County

Into Mud River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Industrial Point Source Discharge

Bacon Creek 17.2 to 27.1 (9.9 miles)

Hart County

Into Nolin River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$342,898 Section 319(h) Grant funds (FFY2005, 2010) to the Kentucky Waterways Alliance to develop and implement a Watershed Plan (completed March, 2011) to address fecal coliform and siltation in the Bacon Creek watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Barren River 104.9 to 119.4 (14.5 miles)

Allen County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Bat East Creek 0.0 to 3.3 (3.3 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Bat East Creek 3.4 to 7.5 (4.1 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Agriculture; Petroleum/Natural Gas Production Activities (Permitted);
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Bays Fork of Barren River 6.2 to 15.5 (9.3 miles)

Allen County

Into Barren River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Municipal Point Source Discharges

Bear Creek 14.7 to 22.4 (7.7 miles)

Edmonson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Bear Creek 22.4 to 30.6 (8.2 miles)

Grayson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

Beaver Creek 8.5 to 15.5 (7 miles)

Barren County

Into Barren River Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Big Brush Creek 0.0 to 5.0 (5 miles)

Green County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Creek 3.9 to 9.2 (5.3 miles)

Adair County

Into Russell Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Pitman Creek 27.5 to 32.6 (5.1 miles)

Taylor County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/Destabilization

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Reedy Creek 7.8 to 12.5 (4.7 miles)

Edmonson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 6.9 to 11.5.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Billy Creek 0.0 to 4.8 (4.8 miles)

Hardin County

Into Valley Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat;
Site Clearance (Land Development or Redevelopment); Urban
Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture
Grazing; Streambank Modifications/Destabilization; Urban Runoff/Storm
Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Black Snake Branch 1.6 to 2.9 (1.3 miles)

Taylor County

Into Big Brush Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Source Unknown

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Brush Creek 0.0 to 6.1 (6.1 miles)

Casey County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles;
Streambank Modifications/Destabilization

Brush Fork 0.0 to 4.4 (4.4 miles)

McLean County

Into Long Falls Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH
Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-
irrigated Crop Production; Surface Mining

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Buck Creek 0.0 to 8.0 (8 miles)

McLean County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Buck Creek 2.0 to 8.1 (6.1 miles)

Christian County

Into Buck Fork of Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.9 to 8.1.

Buck Fork 0.0 to 5.8 (5.8 miles)

Todd County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Buck Fork 12.9 to 19.3 (6.4 miles)

Christian County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.0 to 19.3.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Burnett Fork 0.0 to 1.3 (1.3 miles)

Daviess County

Into North Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrogen (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Butler Fork 2.5 to 4.4 (1.9 miles)

Adair County

Into Russell Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

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The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.3 to 4.0.

Calhoun Creek 0.0 to 2.8 (2.8 miles)

Casey County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing

Cane Run 0.0 to 3.7 (3.7 miles)

Daviess County

Into South Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Caney Creek 0.0 to 3.6 (3.6 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Caney Creek 3.6 to 7.6 (4 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Caney Creek 1.4 to 5.3 (3.9 miles)

Muhlenberg County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Cash Creek 0.0 to 5.8 (5.8 miles)

Henderson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Claylick Creek 2.4 to 3.4 (1 miles)

Warren County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - Other than Hydromodification

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Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Clay Lick Creek 4.1 to 5.3 (1.2 miles)

Metcalfe County

Into South Fork Little Barren River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing

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Cox Run 0.0 to 3.4 (3.4 miles)

Hardin County

Into Nolin River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Craborchard Creek 0.0 to 3.4 (3.4 miles)

Hopkins County

Into Drakes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Crooked Creek 0.0 to 3.0 (3 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Cypress Creek 0.0 to 6.0 (6 miles)

McLean County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Cypress Creek 23.1 to 26.5 (3.4 miles)

Muhlenberg County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Cypress Creek 26.5 to 33.6 (7.1 miles)

Muhlenberg County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Non-Point Source; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Daniels Creek 0.0 to 5.7 (5.7 miles)

Breckinridge County

Into Rock Lick Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Deer Creek 0.0 to 8.4 (8.4 miles)

Webster County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Deserter Creek 0.0 to 3.1 (3.1 miles)

Daviess County

Into South Fork of Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Dorsey Run 2.1 to 3.9 (1.8 miles)

Hardin County

Into Sinks Nolin River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation

Drakes Creek 0.0 to 23.4 (23.4 miles)

Warren County

Into Drakes Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

Dry Creek 0.0 to 4.5 (4.5 miles)

Casey County

Into Casey Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.7.

East Branch 0.0 to 1.3 (1.3 miles)

Christian County

Into West Fork Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

East Fork of Deer Creek 0.0 to 6.8 (6.8 miles)

Webster County

Into Deer Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

East Fork of Little Barren River 20.7 to 30.0 (9.3 miles)

Metcalfe County

Into Little Barren River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

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East Prong of Indian Camp Creek 0.0 to 6.25 (6.25 miles)

Butler County

Into Indian Camp Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

Eaton Branch 0.0 to 1.9 (1.9 miles)

Barren County

Into Nobob Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Elk Creek 0.0 to 5.4 (5.4 miles)

Hopkins County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Elk Creek 7.6 to 10.6 (3 miles)

Hopkins County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Elk Pond Creek 0.0 to 4.9 (4.9 miles)

Muhlenberg County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Source Unknown

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.

Flat Creek 0.0 to 10.9 (10.9 miles)

Hopkins County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Oil and Grease

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Legacy Coal Extraction

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Ford Ditch 0.0 to 3.3 (3.3 miles)

Daviess County

Into Rhodes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Gilles Ditch 0.0 to 5.4 (5.4 miles)

Daviess County

Into Rhodes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

Glens Fork 0.0 to 7.1 (7.1 miles)

Adair County

Into Russell Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture
Grazing

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Grassy Creek 2.1 to 4.4 (2.3 miles)

Ohio County

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Loss of Riparian
Habitat; Surface Mining

Green River 71.9 to 94.4 (22.5 miles)

Muhlenberg County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Green River 210.5 to 250.3 (39.8 miles)

Hart County

Into Ohio River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Green River 283.3 to 309.0 (25.7 miles)

Taylor County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

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Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Groves Creek 0.0 to 6.4 (6.4 miles)

Webster County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Halls Creek 4.8 to 9.6 (4.8 miles)

Ohio County

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.8 to 9.6.

Havana Creek 0.0 to 2.0 (2.0 miles)

Webster County

Into Deer Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

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.

Indian Camp Creek 0.1 to 3.1 (3 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Indian Camp Creek 3.1 to 10.4 (7.3 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Non-Point Source

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Isaacs Creek 0.0 to 7.3 (7.3 miles)

Muhlenberg County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Jarrels Creek 0.0 to 1.8 (1.8 miles)

Muhlenberg County

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Habitat Modification - Other than Hydromodification; Source Unknown

Jarret Fork 0.0 to 1.1 (1.1 miles)

Grayson County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Sedimentation/Siltation

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

Jenny Hollow Branch 0.0 to 2.4 (2.4 miles)

Ohio County

Into Horse Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Joess Branch 0.0 to 4.4 (4.4 miles)

Daviess County

Into North Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Joess Run 0.0 to 4.8 (4.8 miles)

Daviess County

Into North Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Knoblick Creek 0.0 to 2.1 (2.1 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Knoblick Creek 0.0 to 9.1 (9.1 miles)

Webster County

Into Deer Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Lewis Creek 0.0 to 11.8 (11.8 miles)

Ohio County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

Lick Creek 0.0 to 3.7 (3.7 miles)

Henderson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Lick Creek 5.0 to 13.8 (8.8 miles)

Henderson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Lindy Creek 0.0 to 0.9 (0.9 miles)

Hart County

Into Lynn Camp Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Managed Pasture Grazing

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Little Beaverdam Creek 0.0 to 11.4 (11.4 miles)

Warren County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Little Cypress Creek 0.0 to 8.7 (8.7 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Little Cypress Creek 8.7 to 10.1 (1.4 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pollutant: Specific Conductance
Suspected Sources: Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids
Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Little Muddy Creek 5.2 to 6.6 (1.4 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Little Muddy Creek 6.6 to 12.9 (6.3 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Long Creek 0.0 to 3.3 (3.3 miles)

Muhlenberg County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Long Falls Creek 0.0 to 7.6 (7.6 miles)

McLean County

Into Green River Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Long Falls Creek 7.6 to 11.9 (4.3 miles)

McLean County

Into Green River Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Loss of Riparian Habitat

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: pH

Suspected Sources: Acid Mine Drainage

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.6 to 11.8.

Long Lick Creek 4.6 to 7.3 (2.7 miles)

Breckinridge County

Into Rough River Reservoir

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.6 to 7.3.

McGrady Creek 0.0 to 1.9 (1.9 miles)

Ohio County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Meeting Creek 5.2 to 14.0 (8.8 miles)

Hardin County

Into Rough River Reservoir

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Middle Fork of Drakes Creek 0.0 to 7.8 (7.8 miles)

Warren County

Into Drakes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Mill Creek 0.0 to 4.2 (4.2 miles)

Ohio County

Into Smith Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Mud River 0.0 to 9.1 (9.1 miles)

Muhlenberg County

Into Green River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Mud River 9.1 to 30.9 (21.8 miles)

Muhlenberg County

Into Green River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Mud River 30.9 to 52.2 (21.3 miles)

Logan County

Into Green River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Mud River 52.2 to 64.0 (11.8 miles)

Logan County

Into Green River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Muddy Creek 0.0 to 5.0 (5 miles)

Ohio County

Into Caney Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Muddy Creek 0.0 to 5.9 (5.9 miles)

Butler County

Into Green River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Muddy Creek 1.9 to 4.9 (3 miles)

Ohio County

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Muddy Creek 5.8 to 9.1 (3.3 miles)

Ohio County

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production

Muddy Creek 8.6 to 15.2 (6.6 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Channelization

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Narge Creek 2.6 to 4.2 (1.6 miles)

Hopkins County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.6 to 4.1.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

North Branch of South Fork of Panther Creek 0.0 to 4.2 (4.2 miles)

Hancock County

Into South Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

North Fork of Barnett Creek 0.0 to 2.3 (2.3 miles)

Ohio County

Into Barnett Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

North Fork of Nolin River 3.0 to 7.0 (4 miles)

Larue County

Into Nolin River (Reservoir)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

North Fork of Panther Creek 0.0 to 4.2 (4.2 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

North Fork of Panther Creek 4.2 to 9.1 (4.9 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

North Fork Panther Creek 9.7 to 12.7 (3 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Old Panther Creek 0.4 to 5.3 (5.3 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Old Panther Creek 5.7 to 8.8 (3.1 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Otter Creek 0.0 to 6.3 (6.3 miles)

Hopkins County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater

Panther Creek 0.0 to 3.6 (3.6 miles)

Butler County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

Panther Creek 0.1 to 3.0 (2.9 miles)

Daviess County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pollutant: Turbidity
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;
Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Panther Creek 3.0 to 5.9 (2.9 miles) **Daviess County**

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Agriculture

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Panther Creek 17.9 to 20.4 (2.5 miles)

Daviess County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop
Production; Source Unknown

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-
irrigated Crop Production; Source Unknown; Streambank
Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Pettys Fork 0.0 to 6.1 (6.1 miles)

Adair County

Into Russell Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Pigeon Creek 0.0 to 3.4 (3.4 miles)

Ohio County

Into Muddy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Acid Mine Drainage; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids
Suspected Sources: Acid Mine Drainage

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pleasant Run 0.0 to 2.1 (2.1 miles)

Hopkins County

Into Drakes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

The Division of Water awarded \$756,286 (FFY2001) and \$720,440 (FFY2005) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to develop a watershed plan (completed May, 2007), restore abandoned mine lands and remediate acid mine drainage in the watershed (The FFY01 funds were divided between Pleasant Run and Fox Creek (a Tradewater River Basin tributary)). The Kentucky Division of Abandoned Mine Lands has allocated \$136,678 (1999), \$1,339,260 (2004) and \$984,701 (2007) in federal AML funds for reclamation projects in the Pleasant Run watershed.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.0.

Plum Creek 0.0 to 1.7 (1.7 miles)

Muhlenberg County

Into Pond Creek/Atkins Swamp

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Inappropriate Waste Disposal

Pollutant: Total Dissolved Solids

Suspected Sources: Inappropriate Waste Disposal

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Plum Creek 1.7 to 3.9 (2.2 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Pond Creek 4.95 to 7.5 (2.55 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride

Suspected Sources: Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Inappropriate Waste Disposal; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pollutant: Total Dissolved Solids
Suspected Sources: Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.8 to 7.6.

Pond Creek 7.5 to 11.7 (4.2 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chloride
Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.6 to 11.7.

Pond Creek 11.7 to 14.4 (2.7 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Pond Creek 14.4 to 18.1 (3.7 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pond Creek 18.1 to 22.1 (4 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat;
Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline
Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining;
Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Pond Drain 0.0 to 2.3 (2.3 miles)

McLean County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Non-irrigated Crop Production

Pond River 1.0 to 20.8 (19.8 miles)

Hopkins County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron

Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

Pond River 20.8 to 31.2 (10.4 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining (Subsurface); Habitat Modification - Other than
Hydromodification; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 20.8 to 31.1.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Pond River 61.2 to 71.4 (10.2 miles)

Muhlenberg County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Pond Run 0.0 to 6.8 (6.8 miles)

Ohio County

Into Rough River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Render Creek 0.0 to 3.6 (3.6 miles)

Ohio County

Into Lewis Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Rhodes Creek 0.0 to 1.9 (1.9 miles)

Daviess County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

Rhodes Creek 0.0 to 2.2 (2.2 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Rhodes Creek 2.2 to 7.5 (5.3 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Richland Slough 0.0 to 3.95 (3.95 miles)

Henderson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

Robinson Creek 9.8 to 11.0 (1.2 miles)

Taylor County

Into Green River (Reservoir)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.8 to 10.8.

Rough River 0.0 to 10.4 (10.4 miles)

McLean County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead

Suspected Sources: Source Unknown

Rough River 55.1 to 64.3 (9.2 miles)

Ohio County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Rough River 125.2 to 149.4 (24.2 miles)

Hardin County

Into Green River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Salt Lick Creek 0.0 to 1.4 (1.4 miles)

Warren County

Into Gasper River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

Sand Lick Creek 0.0 to 4.0 (4 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Skaggs Creek 12.7 to 23.5 (10.8 miles)

Barren County

Into Barren River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.5 to 23.3.

South Fork of Beaver Creek 0.0 to 3.2 (3.2 miles)

Barren County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

South Fork of Little Barren River 23.1 to 30.1 (7 miles)

Metcalfe County

Into Little Barren River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

South Fork of Panther Creek 0.0 to 2.4 (2.4 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Copper
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

Pollutant: Sedimentation/Siltation
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

South Fork of Panther Creek 2.4 to 9.55 (7.15 miles)

Daviess County

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

South Fork of Panther Creek 9.55 to 14.0 (4.45 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Managed Pasture Grazing

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation
Suspected Sources: Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

South Fork of Panther Creek 14.0 to 18.3 (4.3 miles)

Daviess County

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.

Sputzman Creek 1.3 to 4.4 (3.1 miles)

Henderson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Sunfish Creek 6.8 to 10.3 (3.5 miles)

Grayson County

Into Bear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Sweepstakes Branch 1.0 to 4.0 (3 miles)

Daviess County

Into South Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Sycamore Creek 0.0 to 1.6 (1.6 miles)

Edmonson County

Into Bear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

Taylor Fork 0.0 to 4.0 (4 miles)

Grayson County

Into Bear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

Green/Trade Water Basin Management Unit
Green River Basin
Rivers

Three Lick Fork 0.0 to 3.3 (3.3 miles)

Ohio County

Into Muddy Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;
Surface Mining

Town Branch 0.0 to 6.2 (6.2 miles)

Logan County

Into Mud River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Industrial Point Source Discharge

UT of Cypress Creek 0.0 to 3.4 (3.4 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Butler Branch 0.0 to 1.7 (1.7 miles)

Adair County

Into Butler Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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UT to Cool Springs Creek 0.0 to 1.6 (1.6 miles)

Adair County

Into Cool Springs Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

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Green/Tradewater Basin Management Unit
Green River Basin
Rivers

UT to Cypress Creek 0.0 to 1.1 (1.1 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Cypress Creek 0.0 to 1.45 (1.45 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture
Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Cypress Creek 0.0 to 8.1 (8.1 miles)

Muhlenberg County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank
Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Drakes Creek 0.0 to 2.2 (2.2 miles)

Hopkins County

Into Drakes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or
Redevelopment); Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Site Clearance (Land
Development or Redevelopment); Urban Runoff/Storm Sewers

UT to Elk Creek 0.0 to 1.0 (1 miles)

Hopkins County

Into Elk Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Green/TradeWater Basin Management Unit
Green River Basin
Rivers

UT to EIK Creek 0.0 to 3.9 (3.9 miles)

Hopkins County

Into Elk Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.6.

UT to Flat Creek 0.0 to 3.1 (3.1 miles)

Hopkins County

Into Flat Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

UT to Flat Creek 3.1 to 4.1 (1 miles)

Hopkins County

Into Flat Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

UT to Little Cypress Creek 0.0 to 1.75 (1.75 miles)

Muhlenberg County

Into Little Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Little Cypress Creek 0.0 to 3.25 (3.25 miles)

Muhlenberg County

Into Little Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Pond Creek 0.0 to 2.4 (2.4 miles)

Muhlenberg County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

UT to Richland Creek 0.0 to 1.7 (1.7 miles)

Butler County

Into Richland Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

UT to UT to Little Cypress Creek 0.0 to 2.6 (2.6 miles)

Muhlenberg County

Into UT of Little Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to West Bays Fork 0.0 to 1.0 (1 miles)

Allen County

Into West Bays Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank
Modifications/Destabilization; Unrestricted Cattle Access

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Unrestricted Cattle Access

UT to West Fork of Lewis Creek 0.0 to 2.2 (2.2 miles)

Ohio County

Into West Fork Lewis Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

UT to Wiggington Creek 0.9 to 1.9 (1 miles)

Logan County

Into Wiggington Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Valley Creek 0.0 to 3.6 (3.6 miles)

Hardin County

Into Nolin River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Valley Creek 8.4 to 10.8 (2.4 miles)

Hardin County

Into Nolin River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

West Fork of Drakes Creek 0.0 to 23.3 (23.3 miles)

Simpson County

Into Drakes Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge; Unpermitted Discharge (Industrial/Commercial Wastes)

West Fork of Drakes Creek 26.7 to 32.1 (5.4 miles)

Simpson County

Into Drakes Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

West Fork of Pond River 1.6 to 8.7 (7.3 miles)

Christian County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

West Fork of Pond River 20.3 to 26.0 (5.7 miles)

Christian County

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations)

Green/Tradewater Basin Management Unit
Green River Basin
Rivers

Wolf Branch Ditch 0.0 to 4.1 (4.1 miles)

Daviess County

Into Rhodes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Wolf Lick Creek 0.0 to 14.6 (14.6 miles)

Logan County

Into Mud River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Silviculture Activities

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Streambank Modifications/Destabilization

Green/Tradewater Basin Management Unit
Green River Basin
Springs

D.2 Green River Basin Springs

Goodman Springs (9000-0230) (1 miles)

Hardin County

Into Nolin River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Goren Mill Spring (9000-0793) (1 miles)

Hart County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

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Graham Spring (9000-0051) (1 miles)

Warren County

Into Barren River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Head of Rough River Spring 154.85 to 155.8 (0.95 miles)

Hardin County

Into Rough River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Lost River Rise (9000-0054) (1 miles)

Warren County

Into Jennings Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Springs

Mahurin Spring (9000-0202) (1 miles)

Grayson County

Into Spring Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

McCoy Bluehole Spring (9000-0792) (1 miles)

Hart County

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

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Mill Spring (9000-1193) (1 miles)

Grayson County

Into Nolin River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Nolynn Spring (9000-2673) (1 miles)

Larue County

Into North Fork Nolin River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Skees KW#1 (9000-1398) (1 miles)

Hardin County

Into Nolin River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Freshwater Reservoirs

D.3 Green River Basin Freshwater Reservoirs

Campbellsville City Reservoir (63 acres)

Taylor County

Trace Fork Little Pitman Creek - Impoundment

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Natural Sources; Upstream Source

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Caneyville City Reservoir (75 acres)

Grayson County

Bennett Fork to North Fork of Caney Creek - Impoundment

Impaired Use: Domestic Water Supply (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Natural Sources

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Shallow Lake/Reservoir Basin

Pollutant: Sedimentation/Siltation

Suspected Sources: Shallow Lake/Reservoir Basin

Green River Reservoir (8210 acres)

Taylor County

Green River - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Industrial Point Source Discharge

Lake Luzerne (55 acres)

Muhlenberg County

UT to Caney Creek - Impoundment

Impaired Use: Domestic Water Supply (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Lake Malone (826 acres)

Logan County

Rocky Creek - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Rough River Reservoir (5100 acres)

Hardin County

Rough River - Impoundment

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Green River Basin
Freshwater Reservoirs

Spa Lake (240 acres)

Logan County

Wolf Lick Creek - Impoundment

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Natural Sources

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

D.4 Ohio River Basin Rivers

Bayou Creek 0.0 to 18.9 (18.9 miles)

Livingston County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 19.1.

Bear Run 1.6 to 1.9 (0.3 miles)

Breckinridge County

Into Clover Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting

Bell Ditch 0.0 to 2.8 (2.8 miles)

Daviess County

Into Pup Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Blackford Creek 0.0 to 3.8 (3.8 miles)

Hancock County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.2 to 4.0.

Blackford Creek 3.8 to 8.1 (4.3 miles)

Hancock County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.0 to 8.4.

Canoe Creek 2.4 to 5.0 (2.6 miles)

Henderson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Chromium (total)

Suspected Sources: Source Unknown

Pollutant: Copper

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Zinc

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Casey Creek 0.6 to 9.7 (9.1 miles)

Union County

Into Highland Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Total Dissolved Solids

Suspected Sources: Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted)

Clover Creek 7.4 to 10.3 (2.9 miles)

Breckinridge County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.7 to 9.2.

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

Crooked Creek 0.0 to 11.9 (11.9 miles)

Crittenden County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.1.

Crooked Creek 11.9 to 26.2 (14.3 miles)

Crittenden County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 12.1 to 26.4.

Deer Creek 0.0 to 8.1 (8.1 miles)

Livingston County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Agriculture

Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9 (10.5 miles)

Union County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Dyer Hill Creek 0.4 to 6.0 (5.6 miles)

Livingston County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat;
Streambank Modifications/Destabilization

Pollutant: Specific Conductance
Suspected Sources: Agriculture

East Fork of Canoe Creek 0.0 to 4.4 (4.4 miles)

Henderson County

Into Canoe Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved
Suspected Sources: Drought-related Impacts; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Goose Pond Ditch 0.0 to 9.55 (9.55 miles)

Union County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown
Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat;
Streambank Modifications/Destabilization

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The streams were added to the GNIS database as two separate streams. The NHD also changed the river miles for Goose Pond Ditch and added the UT to Goose Pond Ditch, which was originally assessed as Goose Pond Ditch.

Highland Creek 0.0 to 7.6 (7.6 miles)

Union County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Agriculture; Loss of Riparian Habitat

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown
Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction);
Loss of Riparian Habitat; Streambank Modifications/Destabilization

Highland Creek 7.6 to 21.4 (13.8 miles)

Henderson County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Agriculture

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Agriculture

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining (Subsurface); Petroleum/Natural Gas Activities

Sadler Creek 0.0 to 2.4 (2.4 miles)

Livingston County

Into Buck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Sugg Creek 0.0 to 1.3 (1.3 miles)

Union County

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Goose Pond Ditch 0.0 to 1.65 (1.65 miles)

Union County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The NHD changed the river miles for Goose Pond Ditch during the split and added the UT to Goose Pond Ditch, which was originally assessed as part of Goose Pond Ditch.

UT to Rush Creek 0.0 to 1.3 (1.3 miles)

Crittenden County

Into Crooked Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Specific Conductance

Suspected Sources: Municipal Point Source Discharges

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Wardens Slough 1.2 to 3.3 (1.1 miles)

Union County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Green/Tradewater Basin Management Unit
Ohio River Basin
Rivers

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The streams were added to the GNIS database as two separate streams.

Green/Tradewater Basin Management Unit
Ohio River Basin
Freshwater Reservoirs

D.5 Ohio River Basin Freshwater Reservoirs

Carpenter Lake (64 acres)

Daviess County

UT to Pup Creek - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Upstream Source

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Upstream Source

Scenic Lake (18 acres)

Henderson County

UT to Ohio River - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Contaminated Sediments; Internal Nutrient Recycling

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

D.6 Tradewater River Basin Rivers

Bishop Ditch 0.0 to 2.7 (2.7 miles)

Webster County

Into Caney Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Pollutant: Turbidity

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Buffalo Creek 0.0 to 6.8 (6.8 miles)

Hopkins County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown

Bull Creek 0.0 to 1.0 (1 miles)

Webster County

Into Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Habitat Modification - Other than Hydromodification; Non-irrigated Crop Production

Caney Creek 0.0 to 3.3 (3.3 miles)

Caldwell County

Into Donaldson Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Caney Creek 0.0 to 8.2 (8.2 miles)

Hopkins County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Acid Mine Drainage; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Acid Mine Drainage; Surface Mining

KDOW awarded \$756,286 Section 319(h) Grant funds (FFY2001) to the Kentucky Division of Abandoned Mine Lands to restore abandoned mine sites and remediate acid mine drainage in Pleasant Run (a Green River Basin tributary) and Fox Run, a tributary to Caney Creek. The Kentucky Division of Abandoned Mine Lands has also allocated \$359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed, a direct tributary to Caney Creek.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Caney Fork 3.4 to 7.9 (4.5 miles)

Webster County

Into Craborchard Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Castleberry Creek 0.0 to 2.1 (2.1 miles)

Christian County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Pollutant: Total Dissolved Solids

Suspected Sources: Managed Pasture Grazing

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Clear Creek 0.0 to 7.5 (7.5 miles)

Hopkins County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown
Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Clear Creek 19.4 to 26.2 (6.8 miles)

Hopkins County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Clear Creek 26.2 to 26.5 (0.3 miles)

Hopkins County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Hopkins County

Copper Creek 0.0 to 2.7 (2.7 miles)

Into Richland Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron
Suspected Sources: Coal Mining

Pollutant: pH
Suspected Sources: Coal Mining

Pollutant: Specific Conductance
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining

Pollutant: Zinc
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Copperas Creek 0.0 to 3.6 (3.6 miles)

Hopkins County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cadmium
Suspected Sources: Source Unknown

Pollutant: Iron
Suspected Sources: Source Unknown

Pollutant: Nickel
Suspected Sources: Source Unknown

Pollutant: Specific Conductance
Suspected Sources: Source Unknown

Pollutant: Total Dissolved Solids
Suspected Sources: Source Unknown

Pollutant: Zinc
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7 (14.7 miles)

Webster County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Craborchard Creek 19.2 to 21.3 (2.1 miles)

Webster County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 19.2 to 21.5.

Cypress Creek 0.5 to 3.3 (2.8 miles)

Union County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Donaldson Creek 0.0 to 14.2 (14.2 miles)

Hopkins County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

East Fork of Hurricane Creek 0.0 to 2.2 (2.2 miles)

Hopkins County

Into Hurricane Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Hopkins County

Fox Run 0.0 to 1.1 (1.1 miles)

Into Caney Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Pollutant: Specific Conductance
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining

The Division of Water awarded \$756,286 (FFY2001) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to restore abandoned mine lands and remediate acid mine drainage in the Fox Run and Pleasant Run (a Green River Basin tributary) watersheds. The Kentucky Division of Abandoned Mine Lands has allocated \$1,339,260 (2004) in federal AML funds for reclamation projects in the Fox Run and Pleasant Run watersheds.

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Hurricane Creek 0.0 to 1.8 (1.8 miles)

Hopkins County

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron
Suspected Sources: Coal Mining

Pollutant: pH
Suspected Sources: Coal Mining; Source Unknown

Pollutant: Specific Conductance
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining

Pollutant: Zinc
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Lambs Creek 0.0 to 3.3 (3.3 miles)

Hopkins County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Lick Creek 0.0 to 11.9 (11.9 miles)

Hopkins County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Lynn Fork 0.0 to 2.4 (2.4 miles)

Webster County

Into Craborchard Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pigeonroost Creek 0.0 to 3.9 (3.9 miles)

Crittenden County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

Pond Creek 0.0 to 5.5 (5.5 miles)

Hopkins County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;
Surface Mining

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production;
Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

Richland Creek 0.0 to 4.5 (4.5 miles)

Hopkins County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Tradewater River 0.0 to 16.8 (16.8 miles)

Union County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture

Tradewater River 20.6 to 46.4 (25.8 miles)

Webster County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Tradewater River 63.1 to 79.4 (16.3 miles)

Hopkins County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Tradewater River 98.5 to 111.1 (12.6 miles)

Christian County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture

Pollutant: Oxygen, Dissolved

Suspected Sources: Agriculture; Sanitary Sewer Overflows (Collection System Failures)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures)

Tyson Branch 0.0 to 2.5 (2.5 miles)

Caldwell County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

UT to Copper Creek 0.0 to 1.1 (1.1 miles)

Hopkins County

Into Copper Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT to Copperas Creek 0.0 to 0.9 (0.9 miles)

Hopkins County

Into Copperas Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cadmium

Suspected Sources: Source Unknown

Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: pH

Suspected Sources: Source Unknown

Pollutant: Specific Conductance

Suspected Sources: Source Unknown

Pollutant: Total Dissolved Solids

Suspected Sources: Source Unknown

Pollutant: Zinc

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

UT to Donaldson Creek 0.0 to 1.8 (1.8 miles)

Caldwell County

Into Donaldson Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Specific Conductance

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

UT to Hurricane Creek 0.0 to 0.2 (0.2 miles)

Hopkins County

Into Hurricane Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH
Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron
Suspected Sources: Coal Mining

Pollutant: Nitrates
Suspected Sources: Source Unknown

Pollutant: pH
Suspected Sources: Coal Mining

Pollutant: Specific Conductance
Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining

Pollutant: Zinc
Suspected Sources: Coal Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

UT to Slover Creek 0.0 to 1.5 (1.5 miles)

Webster County

Into Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Specific Conductance
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat

UT to UT to Slover Creek 0.0 to 1.2 (1.2 miles)

Webster County

Into UT to Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Pollutant: Specific Conductance
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Green/Tradewater Basin Management Unit
Tradewater River Basin
Rivers

UT to UT to Slover Creek 0.2 to 1.5 (1.3 miles)

Webster County

Into Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Ward Creek 5.1 to 10.3 (5.4 miles)

Caldwell County

Into Flynn Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Weirs Creek 0.0 to 4.9 (4.9 miles)

Hopkins County

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: Turbidity

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Wolf Creek 0.0 to 1.0 (1 miles)

Crittenden County

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Appendix E. Big Sandy/Little Sandy/Tygarts Basin Unit 303(d) List: Narrative

E.1 Big Sandy River Basin Rivers

Abbott Creek 0.0 to 3.2 (3.2 mi)

Floyd County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Turbidity

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Arkansas Creek 0.0 to 3.6 (3.6 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Arnold Fork 0.0 to 2.6 (2.6 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Banjo Branch 0.0 to 1.5 (1.5 mi)

Johnson County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

Barnetts Creek 0.0 to 1.6 (1.6 mi)

Johnson County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Surface Mining

Bear Creek 0.0 to 2.0 (2 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Animal Feeding Operations (NPS); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Beaver Creek 0.0 to 7.1 (7.1 mi)

Floyd County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N)

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); Unspecified Domestic Waste

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Creek 0.0 to 1.9 (1.9 mi)

Pike County

Into Tug Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Big Creek 7.3 to 10.6 (3.3 mi)

Pike County

Into Tug Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Surface Mining

Big Creek 10.6 to 15.1 (4.5 mi)

Pike County

Into Tug Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Big Mine Creek 1.4 to 3.9 (2.5 mi)

Magoffin County

Into Little Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Partial Support)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Mine Creek 5.8 to 8.4 (2.6 mi)

Magoffin County

Into Little Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Big Sandy River 0.0 to 27.1 (27.1 mi)

Boyd County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification

Bill D Branch 0.0 to 1.1 (1.1 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Bill D Branch 1.1 to 2.9 (1.8 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Blaine Creek 8.2 to 17.6 (9.4 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Blaine Creek 35.0 to 39.8 (4.8 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Blaine Creek 40.9 to 45.3 (4.4 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

Brushy Fork 0.0 to 10.0 (10 mi)

Pike County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

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Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Buck Branch 0.0 to 2.8 (2.8 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Buffalo Creek 0.0 to 1.8 (1.8 mi)

Floyd County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Caleb Fork 0.0 to 1.2 (1.2 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Pollutant: Sedimentation/Siltation
Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Caney Fork 0.0 to 7.5 (7.5 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Caney Fork 7.5 to 11.3 (3.8 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Clear Creek 0.0 to 4.9 (4.9 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Phosphorus (Total)
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Coldwater Fork 2.1 to 5.3 (3.2 mi)

Martin County

Into Middle Fork Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sedim)

Pollutant: Total Dissolved Solids
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

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The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.1 to 8.8.

Dry Creek 0.0 to 4.0 (4 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Elkhorn Creek 0.0 to 10.7 (10.7 mi)

Pike County

Into Russell Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Pollutant: Specific Conductance

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Surface Mining

Pollutant: Total Suspended Solids (TSS)
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Frasure Creek 0.0 to 5.2 (5.2 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation
Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Georges Creek 0.0 to 2.9 (2.9 mi)

Lawrence County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Goose Creek 0.0 to 2.2 (2.2 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Greasy Creek 0.0 to 4.7 (4.7 mi)

Johnson County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Coal Mining

Hall Fork 0.0 to 2.0 (2 mi)

Floyd County

Into Frasure Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Harriett Branch 0.6 to 2.3 (1.7 mi)

Lawrence County

Into Little Blaine Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Hood Creek 0.0 to 3.6 (3.6 mi)

Lawrence County

Into Blaine Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater

Ice Dam Creek 0.0 to 0.4 (0.4 mi)

Boyd County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Nitrogen (Total)

Suspected Sources: Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Ice Dam Creek 0.4 to 2.4 (2 mi)

Boyd County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Nitrogen (Total)

Suspected Sources: Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Indian Creek 0.0 to 3.5 (3.5 mi)

Pike County

Into Long Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Island Creek 0.0 to 1.7 (1.7 mi)

Pike County

Into Levisa Fork Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Jacks Creek 0.0 to 4.4 (4.4 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Jenny's Creek 0.0 to 3.1 (3.1 mi)

Johnson County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Jennys Creek 5.3 to 10.8 (5.5 mi)

Johnson County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining

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Johns Branch 0.0 to 1.6 (1.6 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Johns Creek 0.0 to 5.8 (5.8 mi)

Johnson County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Hydrostructure Flow Regulation/Modification;
Sand/Gravel/Rock Mining or Quarries; Surface Mining; Upstream
Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Specific Conductance

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Creek 24.0 to 30.65 (6.65 mi)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized
Systems)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Creek 34.4 to 42.5 (8.1 mi)

Pike County

Into Levisa Fork Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Jones Fork 0.0 to 9.9 (9.9 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Keaton Fork 0.0 to 5.1 (5.1 mi)

Johnson County

Into Left Fork Blaine Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Knox Creek 0.0 to 8.0 (8 mi)

Pike County

Into Tug Fork of Big Sandy River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Upstream Source

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

Pollutant: Temperature, water

Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Left Fork Beaver Creek 0.0 to 11.4 (11.4 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Left Fork Beaver Creek 11.4 to 13.55 (2.15 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Left Fork Beaver Creek 13.55 to 18.7 (5.15 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Left Fork Beaver Creek 18.7 to 28.6 (9.9 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Left Fork Blaine Creek 0.0 to 2.1 (2.1 mi)

Lawrence County

Into Blaine Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Left Fork Malachi Branch 0.0 to 0.7 (0.7 mi)

Pike County

Into Right Fork Malachi Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Left Fork Middle Creek Levisa Fork 0.0 to 10.3 (10.3 mi)

Floyd County

Into Middle Creek of Levisa Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

Levisa Fork 0.0 to 5.8 (5.8 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems
(Septic Systems and Similar Decentralized Systems); Source Unknown

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source

Levisa Fork 5.8 to 15.3 (9.5 mi)

Lawrence County

Into Big Sandy River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Methylmercury

Suspected Sources: Source Unknown; Surface Mining

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Levisa Fork 31.4 to 54.7 (23.3 mi)

Floyd County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Levisa Fork 65.2 to 98.0 (32.8 mi)

Pike County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Oxygen, Dissolved

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

Levisa Fork 98.0 to 101.25 (3.25 mi)

Pike County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Levisa Fork 118.8 to 127.7 (8.9 mi)

Pike County

Into Big Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 116.0 to 124.4.

Lick Branch 0.0 to 1.3 (1.3 mi)

Martin County

Into Coldwater Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Lick Creek 0.3 to 4.7 (4.4 mi)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Little Paint Creek 3.2 to 6.5 (3.3 mi)

Johnson County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Little Paint Creek 6.5 to 11.6 (5.1 mi)

Johnson County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Surface Mining

Pollutant: Sedimentation/Siltation

Suspected Sources: Inappropriate Waste Disposal; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water,
Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining; Subsurface (Hardrock) Mining

Lockwood Creek 2.6 to 3.2 (0.6 mi)

Boyd County

Into Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source; Source Unknown

Long Branch 0.0 to 2.0 (2 mi)

Floyd County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Long Fork 0.0 to 1.4 (1.4 mi)

Floyd County

Into Buck Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

Long Fork 0.4 to 7.5 (7.1 mi)

Pike County

Into Buck Branch

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Lower Chloe Creek 0.0 to 1.5 (1.5 mi)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Lower Laurel Fork 0.0 to 7.9 (7.9 mi)

Lawrence County

Into Blaine Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining;
Unspecified Urban Stormwater

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Landfills; Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining;
Unspecified Urban Stormwater

Marrowbone Creek 1.4 to 11.3 (9.9 mi)

Pike County

Into Russell Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);
Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Meathouse Fork 0.0 to 2.9 (2.9 mi)

Pike County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Middle Creek Levisa Fork 0.0 to 4.6 (4.6 mi)

Floyd County

Into Levisa Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows
Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining;
Urban Runoff/Storm Sewers

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining;
Urban Runoff/Storm Sewers

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Middle Fork Rockcastle Creek 0.0 to 16.8 (16.8 mi)

Martin County

Into Rockcastle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);
Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian
Habitat; Surface Mining

Miller Creek 0.0 to 6.4 (6.4 mi)

Johnson County

Into Levisa Fork Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized
Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized
Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Mud Creek 0.0 to 2.7 (2.7 mi)

Floyd County

Into Levisa Fork Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

Pollutant: Turbidity

Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

Nats Creek 0.0 to 3.1 (3.1 mi)

Lawrence County

Into Levisa Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Open Fork 6.4 to 11.3 (4.9 mi)

Morgan County

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Agriculture; Inappropriate Waste Disposal

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Otter Creek 0.0 to 0.5 (0.5 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nitrogen (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Paddle Creek 0.0 to 1.4 (1.4 mi)

Boyd County

Into Ice Dam Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater

Paint Creek 0.0 to 7.1 (7.1 mi)

Johnson County

Into Levisa Fork of Big Sandy River

Impaired Use: Cold Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Woodlot Site Clearance

Pollutant: Temperature, water

Suspected Sources: Woodlot Site Clearance

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Paint Creek 7.1 to 8.3 (1.2 mi)

Johnson County

Into Levisa Fork of Big Sandy River

Impaired Use: Cold Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Woodlot Site Clearance

Pollutant: Temperature, water

Suspected Sources: Woodlot Site Clearance

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

Panther Fork 0.0 to 2.95 (2.95 mi)

Martin County

Into Wolf Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Other Spill Related Impacts; Surface Mining

Peter Creek 0.0 to 5.8 (5.8 mi)

Pike County

Into Tug Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pigeonroost Fork 0.0 to 1.3 (1.3 mi)

Martin County

Into Wolf Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Pond Cr. 0.0 to 9.7 (9.7 mi)

Pike County

Into Tug Fork

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/ Eutrophication Biological Indicators

Suspected Sources: Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Loss of Riparian Habitat, Sewage Discharges in Unsewered Areas

Pollutant: Sedimentation/ Siltation

Suspected Sources: Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

Puncheon Branch 0.0 to 3.6 (3.6 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Raccoon Creek 5.6 to 7.4 (1.8 mi)

Pike County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation;
Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Right Fork Beaver Creek 0.0 to 17.4 (17.4 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Right Fork Beaver Creek 17.4 to 23.3 (5.9 mi)

Floyd County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Right Fork Beaver Creek 23.3 to 30.3 (7 mi)

Knott County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Right Fork Beaver Creek 30.3 to 33.4 (3.1 mi)

Knott County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Right Fork Beaver Creek 33.4 to 37.9 (4.5 mi)

Knott County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Right Fork of Little Paint Creek 0.4 to 2.1 (1.7 mi)

Floyd County

Into Little Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source

Right Fork of Panther Fork 0.0 to 1.05 (1.05 mi)

Martin County

Into Panther Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Right Fork of Whitecabin Branch 0.0 to 1.1 (1.1 mi)

Martin County

Into Whitecabin Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Righthand Fork 0.0 to 2.0 (2 mi)

Knott County

Into Bill D Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Rob Fork 0.0 to 1.0 (1 mi)

Pike County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Rock Fork 0.0 to 7.0 (7 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Rockcastle Creek 0.0 to 3.7 (3.7 mi)

Lawrence County

Into Tug Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Non-Point Source; Rural (Residential Areas)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Post-development Erosion and Sedimentation; Surface Mining

Rockcastle Creek 3.7 to 13.25 (9.55 mi)

Martin County

Into Tug Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining; Unspecified Urban Stormwater

Rockcastle Creek 13.25 to 15.3 (2.05 mi)

Martin County

Into Tug Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Rockhouse Fork 0.0 to 6.4 (6.4 mi)

Martin County

Into Rockcastle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Post-development Erosion and Sedimentation; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Salisbury Branch 0.0 to 1.8 (1.8 mi)

Knott County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Rural (Residential Areas)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Salt Lick Creek 0.0 to 6.8 (6.8 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nitrogen (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Shelby Creek 0.0 to 6.0 (6 mi)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation
Suspected Sources: Surface Mining

Pollutant: Specific Conductance
Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids
Suspected Sources: Surface Mining

Shelby Creek 6.0 to 13.3 (7.3 mi)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Channelization; Loss of Riparian Habitat

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Channelization; Loss of Riparian Habitat

Pollutant: Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities;
Surface Mining

Simpson Branch 0.0 to 1.8 (1.8 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Iron
Suspected Sources: Coal Mining

Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized
Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized
Systems)

Pollutant: Sedimentation/Siltation
Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-
development Erosion and Sedimentation

Pollutant: Specific Conductance
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Sizemore Branch 0.0 to 2.0 (2 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Spewing Camp Branch 0.0 to 3.1 (3.1 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: pH

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Spurlock Creek 0.0 to 0.6 (0.6 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Spurlock Creek 0.6 to 4.0 (3.4 mi)

Floyd County

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Steele Creek 0.0 to 2.4 (2.4 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Stephens Branch 0.0 to 2.6 (2.6 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Ammonia (Un-ionized)

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Straight Fork 0.0 to 1.1 (1.1 mi)

Martin County

Into Panther Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Stratton Branch 0.4 to 2.1 (1.7 mi)

Floyd County

Into Dewey Reservoir

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Sycamore Creek 0.0 to 3.8 (3.8 mi)

Pike County

Into Johns Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Toms Creek 0.0 to 8.0 (8 mi)

Johnson County

Into Levisa Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Tug Fork 71.9 to 77.7 (5.8 mi)

Pike County

Into Big Sandy River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Polychlorinated biphenyls

Suspected Sources: Source Unknown

Turkey Creek 0.0 to 5.9 (5.9 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Oxygen, Dissolved

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredge Mining; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Upper Pidgeon Branch 0.0 to 2.1 (2.1 mi)

Pike County

Into Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nitrogen (Total)

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT of Mudlick Branch 0.0 to 0.6 (0.6 mi)

Martin County

Into Mudlick Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport)

Pollutant: pH

Suspected Sources: Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Venters Branch 0.4 to 1.8 (1.4 mi)

Martin County

Into Middle Fork Rockcastle River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Surface Mining

Wilson Creek 0.0 to 2.9 (2.9 mi)

Floyd County

Into Right Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Wolf Creek 0.0 to 6.6 (6.6 mi)

Martin County

Into Tug Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining; Unspecified Urban Stormwater

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Rivers

Wolf Creek 6.6 to 17.6 (11 mi)

Martin County

Into Tug Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Pollutant: Specific Conductance

Suspected Sources: Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Wolf Creek 17.6 to 20.5 (2.9 mi)

Martin County

Into Tug Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Wolfpen Branch 0.0 to 1.7 (1.7 mi)

Pike County

Into Grassy Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Silviculture Harvesting; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Big Sandy River Basin
Freshwater Reservoirs

E.2 Big Sandy River Basin Freshwater Reservoirs

Dewey Lake (1100 acres)

Floyd County

Into Johns Creek

Impaired Use: Secondary Contact Recreation Water (Partial Support)

Pollutant: Total Suspended Solids (TSS)

Suspected Sources: Surface Mining; Upstream Source

Fishtrap Reservoir (1143 acres)

Pike County

Into Levisa Fork of Big Sandy River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: PCB in Fish Tissue

Suspected Sources: Upstream Source

Paintsville Reservoir (1139 acres)

Johnson County

Into Paint Creek

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

E.3 Little Sandy River Basin Rivers

Allcorn Creek 0.7 to 3.2 (2.5 mi)

Greenup County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

Bandy Branch 0.0 to 1.4 (1.4 mi)

Elliott County

Into Middle Fork of Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source

Barrett Creek 0.0 to 7.2 (7.2 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance
(Land Development or Redevelopment)

Cane Creek 0.0 to 4.1 (4.1 mi)

Greenup County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Dry Fork 1.2 to 4.5 (3.3 mi)

Lawrence County

Into Little Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Silviculture Harvesting

East Fork Little Sandy River 4.7 to 14.2 (9.5 mi)

Greenup County

Into Little Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

East Fork Little Sandy River 16.9 to 24.9 (8 mi)

Boyd County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 17.0 to 24.9.

East Fork Little Sandy River 24.9 to 26.4 (1.5 mi)

Boyd County

Into Little Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

East Fork Little Sandy River 27.6 to 30.9 (3.3 mi)

Boyd County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat

Ellingtons Bear Cr 0.0 to 1.5 (1.5 mi)

Boyd County

Into East Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

Everman Cr 0.0 to 5.7 (5.7 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown

Garner Cr 0.0 to 1.8 (1.8 mi)

Boyd County

Into East Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

Hurricane Fork 0.0 to 2.2 (2.2 mi)

Boyd County

Into Keys Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);
Loss of Riparian Habitat; Non-Point Source

Left Fork Howard's Creek 0.0 to 1.2 (1.2 mi)

Elliott County

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

This stream was misidentified as Left Fork Redwine Creek on the 2010 303(d) list.

Lick Fork 0.0 to 5.2 (5.2 mi)

Elliott County

Into Newcombe Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture
Grazing; Post-development Erosion and Sedimentation; Sand/Gravel/Rock
Mining or Quarries; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas
Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries;
Unspecified Urban Stormwater

Little Fork Little Sandy River 5.0 to 6.0 (1 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

Little Fork Little Sandy River 6.0 to 12.1 (6.1 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Chlorine

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

Little Fork Little Sandy River 12.1 to 23.8 (11.7 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat;
Surface Mining

Little Fork Little Sandy River 23.8 to 27.7 (3.9 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Managed Pasture Grazing; Non-irrigated Crop Production;
Silviculture Harvesting

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 23.8 to 29.8.

Little Fork Little Sandy River 27.7 to 30.5 (2.8 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat

Little Sandy River 0.15 to 0.3 (0.15 mi)

Greenup County

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Little Sandy River 12.1 to 20.1 (8 mi)

Greenup County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Source Unknown; Upstream Source

Little Sandy River 72.7 to 75.5 (2.8 mi)

Elliott County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification – Other than Hydromodification

Lower Stinson Creek 0.0 to 1.1 (1.1 mi)

Carter County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

Middle Fork Little Sandy River 5.8 to 7.5 (1.7 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Near Fork Sandsuck Creek 1.1 to 2.0 (0.9 mi)

Greenup County

Into Sandsuck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-Point Source; Source Unknown

Newcombe Creek 1.1 to 7.3 (6.2 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.9.

Oldtown Creek 0.0 to 1.9 (1.9 mi)

Greenup County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Oil and Grease

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant: Turbidity

Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown

Right Fork Newcombe Creek 0.0 to 4.2 (4.2 mi)

Elliott County

Into Newcombe Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

Rocky Branch 0.0 to 3.2 (3.2 mi)

Elliott County

Into Newcombe Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids

Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

South Fork Ruin Creek 0.7 to 5.5 (4.8 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction)

Straight Creek 0.0 to 3.8 (3.8 mi)

Carter County

Into Little Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Silviculture Harvesting

Tunnel Branch 0.0 to 1.7 (1.7 mi)

Greenup County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Pollutant: Temperature, water

Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

UT of Clay Fork 0.0 to 1.2 (1.2 mi)

Elliott County

Into Clay Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-Point Source; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Rivers

UT to East Fork Little Sandy River 0.0 to 0.3 (0.3 mi)

Greenup County

Into East Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization

Pollutant: Total Dissolved Solids

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Wells Creek 0.0 to 3.5 (3.5 mi)

Elliott County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

Whetstone Creek 1.2 to 3.3 (2.1 mi)

Greenup County

Into Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-Point Source; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Williams Creek 0.0 to 2.9 (2.9 mi)

Boyd County

Into East Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/Destabilization

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Little Sandy River Basin
Freshwater Reservoirs

E.4 Little Sandy River Basin Freshwater Reservoirs

Grayson Lake (1512 acres)

Carter County

Into Little Sandy River

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Ohio River Basin
Rivers

E.5 Ohio River Basin Rivers

Newberry Branch 0.0 to 2.8 (2.8 mi)

Greenup County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related);
Non-irrigated Crop Production

Pollutant: Total Dissolved Solids

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated
Crop Production

Rockhouse Fork 0.0 to 2.1 (2.1 mi)

Greenup County

Into Daniels Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining

UT to Chinns Branch 0.0 to 1.1 (1.1 mi)

Greenup County

Into Chinns Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and
Sedimentation

Pollutant: Temperature, water

Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and
Sedimentation

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Tygarts Creek Basin
Rivers

E.6 Tygarts Creek Basin Rivers

Backs Branch 0.0 to 0.9 (0.9 mi)

Greenup County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Jacobs Fork 0.0 to 2.05 (2.05 mi)

Carter County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle

Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production; Unrestricted Cattle Access

Jacobs Fork 3.6 to 5.7 (2.1 mi)

Carter County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels);
Managed Pasture Grazing

Schultz Creek 4.7 to 7.5 (2.8 mi)

Greenup County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Loss of Riparian Habitat

Smith Creek 2.0 to 4.3 (2.3 mi)

Carter County

Into Buffalo Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Temperature, water

Suspected Sources: Source Unknown

Soldier Fork 0.0 to 5.5 (5.5 mi)

Carter County

Into Jacobs Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source Unknown

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Tygarts Creek Basin
Rivers

Trough Camp 1.5 to 6.1 (4.6 mi)

Carter County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Post-development Erosion and Sedimentation

Tygarts Creek 0.2 to 25.0 (24.8 mi)

Greenup County

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

Tygarts Creek 25.0 to 36.3 (11.3 mi)

Greenup County

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Non-Point Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Tygarts Creek 36.3 to 45.5 (9.2 mi)

Greenup County

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: Methylmercury

Suspected Sources: Source Unknown

Pollutant: PCB in Fish Tissue

Suspected Sources: Source Unknown

Tygarts Creek 83.2 to 88.6 (5.4 mi)

Carter County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Big Sandy/Little Sandy/Tygarts Basin Management Unit
Tygarts Creek Basin
Rivers

White Oak Creek 0.0 to 1.1 (1.1 mi)

Greenup County

Into Tygarts Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification; Highways, Roads,
Bridges, Infrastructure (New Construction)

Ohio River Mainstem
Rivers

Appendix F. Ohio River Mainstem 303(d) List: Narrative

F.1 Ohio River Mainstem

Ohio River 319.4 to 317.4 (2.0 miles)

Boyd County

Into Mississippi River

NHD miles 319.7 to 317.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013. The river miles for this segment have been changed. This segment was formerly Ohio River 319.4 to 317.2.

Ohio River 340.8 to 319.4 (21.4 miles)

Boyd and Greenup Counties

Into Mississippi River

NHD miles 341.2 to 319.7

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 356.6 to 340.8 to (15.8 miles)

Greenup County

Into Mississippi River

NHD miles 356.8 to 341.2

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Ohio River Mainstem
Rivers

Ohio River 377.7 to 356.6 (21.1 miles)

Greenup and Lewis Counties

Into Mississippi River

NHD miles 377.7 to 356.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 382.2 to 377.7 (4.5 miles)

Lewis County

Into Mississippi River

NHD miles 382.2 to 377.7

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 382.9 to 377.7.

Ohio River 388.0 to 382.2 (5.8 miles)

Lewis County

Into Mississippi River

NHD miles 388.0 to 382.2

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013. The river miles for this segment have been changed. This segment was formerly Ohio River 388.0 to 382.9.

Ohio River Mainstem
Rivers

Ohio River 437.2 to 388.0 (49.2 miles)

Lewis, Mason and Bracken Counties

Into Mississippi River

NHD miles 435.9 to 388.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 436.5 to 388.0.

Ohio River 464.5 to 437.2 to (27.3 miles)

Bracken, Pendleton and Campbell Counties

Into Mississippi River

NHD miles 463.1 to 435.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 464.5 to 436.5.

Ohio River 465.2 to 464.5 to (0.7 miles)

Campbell County

Into Mississippi River

NHD miles 464.8 to 463.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 469.4 to 465.2 (4.2 miles)

Campbell County

Into Mississippi River

NHD miles 469.0 to 464.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 469.3 to 465.2.

Ohio River Mainstem
Rivers

Ohio River 471.4 to 469.4 (2.0 miles)

Campbell and Kenton Counties

Into Mississippi River

NHD miles 470.6 to 469.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 471.4 to 469.3.

Ohio River 475.1 to 471.4 to (3.7 miles)

Kenton County

Into Mississippi River

NHD miles 474.6 to 470.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 477.5 to 475.1 (2.4 miles)

Kenton and Boone Counties

Into Mississippi River

NHD miles 477.0 to 474.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 477.6 to 475.1.

Ohio River Mainstem
Rivers

Ohio River 488.2 to 477.5 to (10.7 miles)

Boone County

Into Mississippi River

NHD miles 487.6 to 477.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 488.0 to 477.6.

Ohio River 593.4 to 488.2 to (105.2 miles)

**Boone, Gallatin, Carroll, Trimble,
Oldham and Jefferson Counties**

Into Mississippi River

NHD miles 592.1 to 487.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Ohio River 595.8 to 593.4 (2.4 miles)

Jefferson County

Into Mississippi River

NHD miles 594.5 to 592.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Ohio River Mainstem
Rivers

Ohio River 603.1 to 595.8 (7.3 miles)

Jefferson County

Into Mississippi River

NHD miles 601.9 to 594.5

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Ohio River 605.8 to 603.1 (2.7 miles)

Jefferson County

Into Mississippi River

NHD miles 604.5 to 601.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 608.1 to 603.3 has been split into two segments and river miles have been changed. The corresponding segments are now 604.3 to 603.1 and 608.7 to 604.3.

Ohio River 608.7 to 605.8 to (2.9 miles)

Jefferson County

Into Mississippi River

NHD miles 607.1 to 604.5

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 608.1 to 603.3 has been split into two segments and river miles have been changed. The corresponding segments are now 604.3 to 603.1 and 608.7 to 604.3.

Ohio River Mainstem
Rivers

Ohio River 614.0 to 608.7 (5.3 miles)

Jefferson County

Into Mississippi River

NHD miles 611.4 to 607.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listings for Ohio River from river mile 609.2 to 608.1 and 614.9 to 609.2 have been combined into one segment and river miles have been changed. The corresponding segment is now 614.0 to 608.7.

Ohio River 676.8 to 614.0 (62.8 miles)

Jefferson, Hardin and Meade Counties

Into Mississippi River

NHD miles 674.8 to 611.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 614.9 to 683.0.

Ohio River Mainstem
Rivers

Ohio River 720.8 to 676.8 to (44.0 miles)

**Meade, Breckinridge and Hancock
Counties**

Into Mississippi River

NHD miles 718.1 to 674.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 719.5 to 683.0.

Ohio River 736.7 to 720.8 (15.9 miles)

Hancock County

Into Mississippi River

NHD miles 733.8 to 718.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 735.7 to 719.5.

Ohio River Mainstem
Rivers

Ohio River 756.3 to 736.7 to (19.6 miles)

Hancock and Daviess Counties

Into Mississippi River

NHD miles 752.9 to 733.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 756.4 to 735.7.

Ohio River 760.6 to 756.3 to (4.3 miles)

Daviess County

Into Mississippi River

NHD miles 757.0 to 752.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 760.6 to 756.4.

Ohio River Mainstem
Rivers

Ohio River 776.0 to 760.6 to (15.4 miles)

Daviess and Henderson Counties

Into Mississippi River

NHD miles 772.3 to 757.0 to

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 789.3 to 760.6 has been split into two segments, 776.0 to 760.6 and 789.3 to 776.0.

Ohio River 789.3 to 776.0 to (13.3 miles)

Henderson County

Into Mississippi River

NHD miles 785.6 to 772.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 789.3 to 760.6 has been split into two segments, 776.0 to 760.6 and 789.3 to 776.0.

Ohio River Mainstem
Rivers

Ohio River 792.1 to 789.3 (2.8 miles)

Henderson County

Into Mississippi River

NHD miles 788.4 to 785.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Ohio River 793.2 to 792.1 (1.1 miles)

Henderson County

Into Mississippi River

NHD miles 789.3 to 788.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 795.7 to 793.2 (2.5 miles)

Henderson County

Into Mississippi River

NHD miles 791.9 to 789.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 798.4 to 793.2.

Ohio River Mainstem
Rivers

Ohio River 799.8 to 795.7 (4.1 miles)

Henderson County

Into Mississippi River

NHD miles 794.85 to 791.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 799.8 to 798.4.

Ohio River 802.9 to 799.8 (3.1 miles)

Henderson County

Into Mississippi River

NHD miles 798.9 to 794.85

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem
Rivers

Ohio River 820.1 to 802.9 (17.2 miles)

Henderson County

Into Mississippi River

NHD miles 816.2 to 798.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 826.4 to 820.1 (6.3 miles)

Henderson County

Into Mississippi River

NHD miles 822.5 to 816.2

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem
Rivers

Ohio River 846.3 to 826.4 (19.9 miles)

Henderson and Union Counties

Into Mississippi River

NHD miles 842.1 to 822.5

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed. This segment was formerly Ohio River 847.3 to 826.4.

Ohio River 849.7 to 846.3 (3.4 miles)

Union County

Into Mississippi River

NHD miles 845.6 to 842.1

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The 2010 Integrated Report listing for Ohio River from river mile 853.4 to 847.3 has been split into two segments and the river miles have been changed. The corresponding segments are now 849.7 to 846.3 and 853.4 to 849.7.

Ohio River Mainstem
Rivers

Ohio River 853.4 to 849.7 (3.7 miles)

Union County

Into Mississippi River

NHD miles 849.4 to 845.6

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 853.4 to 847.3 has been split into two segments and the river miles have been changed. The corresponding segments are now 849.7 to 846.3 and 853.4 to 849.7.

Ohio River 857.6 to 853.4 (4.2 miles)

Union County

Into Mississippi River

NHD miles 853.3 to 849.4

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 862.1 to 857.6 (4.5 miles)

Union County

Into Mississippi River

NHD miles 857.8 to 853.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Ohio River Mainstem
Rivers

Ohio River 872.8 to 862.1 (10.7 miles)

Union County

Into Mississippi River

NHD miles 868.3 to 857.8

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 878.2 to 872.8 (5.4 miles)

Union and Crittenden Counties

Into Mississippi River

NHD miles 873.25 to 868.3

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Ohio River 882.9 to 878.2 (4.7 miles)

Crittenden County

Into Mississippi River

NHD miles 877.9 to 873.25

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River Mainstem
Rivers

Ohio River 894.6 to 882.9 (11.7 miles)

Crittenden and Livingston Counties

Into Mississippi River

NHD miles 889.45 to 877.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Ohio River 910.3 to 894.6 (15.7 miles)

Livingston County

Into Mississippi River

NHD miles 904.85 to 889.45

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli
Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 920.5 to 910.3 (10.2 miles)

Livingston County

Into Mississippi River

NHD miles 915.0 to 904.85 to

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)
Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue
Suspected Sources: Source Unknown

Pollutant: PCB in Water Column
Suspected Sources: Source Unknown

Ohio River Mainstem
Rivers

Ohio River 925.8 to 920.5 (5.3 miles)

Livingston County

Into Mississippi River

NHD miles 919.9 to 915.0

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Ohio River 981.3 to 925.8 (55.5 miles)

**Livingston, McCracken and Ballard
Counties**

Into Mississippi River

NHD miles 974.4 to 919.9

Impaired Use: Fish Consumption (Partial Support)

Pollutant: Dioxin (including 2,3,7,8-TCDD)

Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column

Suspected Sources: Source Unknown