Final
2010 Integrated Report to Congress on the Condition of Water Resources in Kentucky

Volume II. 303(d) List of Surface Waters

Kentucky Energy and
Environment Cabinet
Division of Water
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Volume II. 303(d) List of Surface Waters

This report has been approved for release:

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10/14/11
Date

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Summary of the 2010 303(d) List of Impaired Waters

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

The 2010 Integrated Report (IR) replaces the 2008 IR previously prepared by KDOW. The 305(b) portion of the report (Volume I) lists all water quality assessment results for surface waters (streams, springs, lakes, ponds, and reservoirs) in Kentucky. The 303(d) portion of the report (Volume II) is a subset of these assessed waters including all waters not supporting one or more designated uses and requiring the development of a Total Maximum Daily Load (TMDL). Only those segments that are impaired and still require a TMDL are in Category 5 [on the 303(d) list] of Volume II. If a segment is impaired, but a TMDL is not required, the segment is not in Category 5. It is suggested that the user refer to Volume I to obtain a listing of all waters assessed as impaired. However, for informational purposes, Volume II contains an appendix of approved TMDLs, regardless of whether or not the segment is still impaired by the TMDL pollutant. This volume also contains an appendix of approved delistings for 2010. These segments do not appear on the 303(d) list because they are no longer in Category 5.

Since 1998, Kentucky has monitored surface waters using a five-year rotating watershed management approach in which each of the five major Basin Management Units (BMUs) receives intensive monitoring in sequential years over the five-year cycle. To make the 303(d) list reflective of the current 305(b) assessment results, the 2010 303(d) list contains new listings of impaired waters from assessments made in 2007 through 2008. Additionally, long-term water quality stations had five years of data considered, beginning with 2003 for the Big Sandy/Little Sandy/Tygarts BMU and 2004 for the Kentucky River BMU. The number of impaired waters (2422) reported in this volume has increased notably over the number reported in the 2008 IR. However, this increase in impaired waters does not represent a declining trend in water quality but instead is a result of increased monitoring efforts in regions that previously had only a few monitoring stations on larger rivers and streams.

For this volume, DOW continued the river mile and stream name updates that were begun in 2006. The information is being updated to reflect the National Hydrography Data Set

river miles for segments and names of streams based upon topographic maps. Updates in stream names or river miles from the 2008 303(d) list are indicated in this report.

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

As of May 2010, DOW has submitted and EPA has approved TMDLs for 175 pollutant/waterbody combinations. EPA has also approved delisting requests for 289 pollutant/waterbody combinations. Delisting approval is granted when DOW has demonstrated that a listed pollutant/waterbody combination no longer requires a TMDL, although the segment may still be listed as impaired for other pollutants.

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

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

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

Chapter 4. Status of TMDLs under Development Prior to 2010

4.1 Kentucky Basin Unit

4.1.1 Kentucky River Basin

4.1.1.1 Benson Creek Watershed

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

The Kentucky Division of Water (KDOW) completed nutrient, organic enrichment and total suspended solids (TSS) monitoring in these streams in 2004. The University of Louisville Stream Institute is collecting additional sediment data and conducting a geomorphic assessment in Goose Creek. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available.

4.1.1.2 Boone Creek Watershed

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

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

4.1.1.3 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	Sedimentation/Siltation
Cane Run into North Elkhorn Cr.	Scott	3.0 to 9.6	Specific Conductance
Cane Run into North Elkhorn Cr.	Fayette	9.6 to 17.4	Fecal Coliform
Cane Run into North Elkhorn Cr.	Fayette	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 Cane Run to Cane Run at mile point 6.13	Fayette	0.0 to 3.5	Fecal Coliform
UT Cane Run to Cane Run at mile point 6.13	Fayette	0.0 to 3.5	Nitrogen (Total)
UT Cane Run to Cane Run at mile point 6.13	Fayette	0.0 to 3.5	Phosphorus (Total)
UT Cane Run of Cane Run at mile point 10.8	Fayette	0.0 to 2.4	Nitrogen (Total)
UT Cane Run of Cane Run at mile point 10.8	Fayette	0.0 to 2.4	Phosphorus (Total)
UT Cane Run of Cane Run at mile point 12.9	Fayette	0.0 to 2.1	Phosphorus (Total)

The Kentucky Water Resources Research Institute (KWRRI) is developing the pathogen TMDLs for Cane Run. Completion of these TMDLs has been delayed due to the extensive karst influences in the watershed that have necessitated more advanced modeling efforts and subsequent data collection. A draft pathogen TMDL is anticipated for submittal in 2011. KDOW completed specific conductivity, nutrient and organic enrichment data collection during 2007 and KWRRI has been awarded a 319(h) project grant to develop these TMDLs. Additional data for sediment is currently being collected by the University of Kentucky as part of a 319(h) project. This project extends from 2007 to 2012. Once sediment data collection is complete, KDOW will develop the sediment TMDLs.

4.1.1.4 Carr Creek Watershed

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	Escherichia coli
Blair Branch into Defeated Creek	Knott	0.0 to 0.7	Specific Conductance
Blair Branch into Defeated Creek	Knott	0.0 to 0.7	Total Dissolved Solids
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	Escherichia coli
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	Specific Conductance
Breeding Branch into Breeding Creek	Knott	0.9 to 4.2	Total Dissolved Solids
Carr Fork into N. Fk. Kentucky R.	Knott	6.2 to 8.9	Specific Conductance
Carr Fork into N. Fk. Kentucky R.	Knott	6.2 to 8.9	Total Dissolved Solids
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Fecal Coliform, Escherichia coli
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Specific Conductance
Carr Fork into N. Fk. Kentucky R.	Knott	15.6 to 26.4	Total Suspended Solids
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Fecal Coliform
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Selenium
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Specific Conductance
Defeated Creek into Carr Fk. Reservoir	Knott	0.5 to 1.6	Total Dissolved Solids
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Escherichia coli
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Iron
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Specific Conductance
Flaxpatch Branch into Trace Fork	Knott	0.1 to 2.6	Total Dissolved Solids
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	Escherichia coli
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	Specific Conductance
Irishman Creek into Trace Fork	Knott	0.0 to 4.3	Total Dissolved Solids
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	Escherichia coli
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	Specific Conductance
Little Carr Fork into Carr Fork	Knott	0.0 to 4.8	Total Dissolved Solids
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	Escherichia coli
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	Specific Conductance
Little Smith Branch into Smith Branch	Knott	0.3 to 1.4	Total Dissolved Solids
Smith Branch into Carr Fk. Reservoir	Knott	0.7 to 2.5	Specific Conductance
Smith Branch into Carr Fk. Reservoir	Knott	0.7 to 2.5	Total Dissolved Solids
Trace Fork into Carr Fk. Reservoir	Knott	1.25 to 3.4	Fecal Coliform, Escherichia coli
Trace Fork into Carr Fk. Reservoir	Knott	1.25 to 3.4	Specific Conductance

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

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

4.1.1.5 Dix River Watershed

Stream Name	County	River Miles	Pollutant
Balls Branch into Clarks Run	Boyle	0.0 to 4.9	Escherichia coli
Baughman Cr. into Hanging Fork Cr.	Lincoln	0.0 to 4.6	Escherichia coli
Blue Lick Cr. into Hanging Fork Cr.	Lincoln	0.0 to 4.1	Escherichia coli
Clarks Run into Dix River	Boyle	0.7 to 4.4	Ammonia (Un-ionized)
Clarks Run into Dix River	Boyle	0.7 to 4.4	Escherichia coli
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	4.4 to 6.7	Escherichia coli
Clarks Run into Dix River	Boyle	6.7 to 14.3	Escherichia coli
Clarks Run into Dix River	Boyle	6.7 to 14.3	Sedimentation/Siltation
Clarks Run into Dix River	Boyle	6.7 to 14.3	Total Nitrogen
Copper Creek into Dix River	Lincoln	0.0 to 2.2	Escherichia coli
Dix River into Kentucky River	Garrard	33.3 to 36.15	Escherichia coli
Dix River into Kentucky River	Lincoln	36.1 to 43.8	Escherichia coli
Dix River into Kentucky River	Lincoln	64.3 to 73.35	Escherichia coli
Dix River into Kentucky River	Rockcastle	73.35 to 78.7	Escherichia coli

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

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

4.1.1.6 Eagle Creek Watershed

Stream Name	County	River Miles	Pollutant
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

Stream Name	County	River Miles	Pollutant
Eagle Creek into Kentucky R.	Owen	50.8 to 58.5	Sedimentation/Siltation
Elk Creek into Eagle Creek	Owen	0.0 to 1.6	Cause Unknown
Richland Creek into Eagle Creek	Owen	0.0 to 0.8	Sedimentation/Siltation
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	Escherichia coli
Three Forks Creek into Eagle Cr.	Owen	0.0 to 7.6	Sedimentation/Siltation

An EPA Region 4 104(b)3 grant was awarded for TMDL development for fecal coliform in this watershed by the KWRRI. The pathogen TMDL document will be submitted for public notice in late 2010. KDOW completed nutrient and TSS data collection during 2007. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

4.1.1.7 Hardwick Creek Watershed

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

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

4.1.1.8 Hickman Creek Watershed

Stream Name	County	River Miles	Pollutant
East Hickman Cr. into Hickman Cr.	Fayette	4.2 to 10.2	Fecal Coliform
East Hickman Cr. into Hickman Cr.	Fayette	4.2 to 10.2	Nutrient/Eutrophication Biological Indicators
UT to 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 3.0	Organic Enrichment (Sewage) Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.0	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.0	Fecal Coliform
West Hickman Cr. into Hickman 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.

4.1.1.9 Lower Howard

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

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

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 the nutrient TMDL when nutrient targets are available.

4.1.1.11 North Elkhorn Creek

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

KDOW collected Escherichia coli data during the primary contact recreation (PCR) season of 2005. Due to the drought, additional monitoring occurred during the PCR season of 2006. KDOW is developing the TMDL and a draft is anticipated for 2010.

4.1.1.12 Potter Fork

Stream Name	County	River Miles	Pollutant
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.

4.1.1.13 Salt River

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

KDOW began sediment load and geomorphologic assessment on this stream during 2008. Data collection is expected to be completed during 2010.

4.1.1.14 South Elkhorn Creek/Town Branch/Wolf Run

Stream Name	County	River Miles	Pollutant
South Elkhorn Cr. into Elkhorn Cr.	Franklin	5.05 to 16.6	Fecal Coliform
South Elkhorn Cr. into Elkhorn Cr.	Woodford	16.6 to 34.5	Fecal Coliform
South Elkhorn Cr. into Elkhorn Cr.	Woodford	16.6 to 34.5	Nutrient/Eutrophication Biological Indicators
South Elkhorn Cr. into Elkhorn Cr.	Woodford	16.6 to 34.5	Organic Enrichment (Sewage) Biological Indicators
South Elkhorn Cr. into Elkhorn Cr.	Woodford	34.5 to 52.7	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Fecal Coliform

Stream Name	County	River Miles	Pollutant
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Nutrient/Eutrophication Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Organic Enrichment (Sewage) 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	9.2 to 10.8	Organic Enrichment (Sewage) Biological Indicators
Wolf Run into Town Br.	Fayette	0.0 to 4.1	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	10.8 to 12.1	Fecal Coliform
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 KWRRI is developing these TMDLs. Since the awarding of the contract, Wolf Run was listed for nutrients. Draft pathogen and nutrient TMDLs have been submitted to KDOW. Revisions will be made to the documents and Wolf Run will be included in the nutrient TMDL prior to public notice. The public notice for the pathogen TMDL document is anticipated during 2011.

4.1.1.15 Sugar Creek

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.

4.1.1.16 Swift Camp Creek

Stream Name	County	River Miles	Pollutant
Swift Camp Creek into Red River	Wolfe	0.0 to 13.8	Cause Unknown
UT to Swift Camp Cr. at RM 11.7	Wolfe	0.0 to 1.5	Sedimentation/Siltation

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

Comment [a1]:

Comment [s2]: Deleted the following sentence because this statement may not be true: KDOW will collect additional sediment data and perform geomorphic assessment prior developing the sediment TMDLs.

4.1.1.17 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.

4.1.1.18 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.

4.2 Salt-Licking Basin Unit

4.2.1 Licking River Basin

4.2.1.1 Banklick Creek

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

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

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

Comment [s3]: Deleted the following sentence because this statement may not be true: KDOW will collect additional sediment data and perform geomorphic assessment prior developing the sediment TMDLs.

4.2.1.2 Elk Fork Watershed

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

KDOW completed TSS monitoring in 2005.

4.2.1.3 Fleming Creek Watershed

Stream Name	County	River Miles	Pollutant
Allison Cr. into Fleming Cr.	Fleming	0.0 to 4.9	Nutrient/Eutrophication Biological Indicators
Allison Cr. into Fleming Cr.	Fleming	0.0 to 4.9	Organic Enrichment (Sewage) Biological Indicators
Allison Cr. into Fleming Cr.	Fleming	0.0 to 4.9	Phosphorus (Total)
Craintown Br. into Fleming Cr.	Fleming	0.0 to 3.6	Phosphorus (Total)
Doty Br. into Fleming Cr.	Fleming	0.0 to 2.3	Nutrient/Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Nutrient/Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Phosphorus (Total)
Fleming Cr. into Licking River	Fleming	12.8 to 16.0	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
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.

4.2.1.4 Hinkston Creek

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

4.2.1.5 Houston Creek

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

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

4.2.1.6 Little Stoner Creek

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

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

Comment [s4]: Deleted began sample collection on

4.2.1.7 Stoner Creek

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

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

4.2.1.8 Strodes Creek

Stream Name	County	River Miles	Pollutant
Green Creek into Strodes Creek	Bourbon	0.0 to 8.15	Specific Conductance
Green Creek into Strodes Creek	Clark	8.45 to 9.7	Specific Conductance
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
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
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
Pretty Run into Strodes Creek	Clark	0.0 to 8.0	Cause Unknown
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Fecal Coliform; Escherichia coli
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
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

Stream Name	County	River Miles	Pollutant
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Fecal Coliform; Escherichia coli
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 to Hancock Cr. at RM 4.3	Clark	0.0 to 3.72	Fecal Coliform
UT to Hancock Cr. at RM 4.3	Clark	0.0 to 3.72	Specific Conductance
UT to Strodes Creek at RM 22.2	Clark	0.0 to 3.8	Fecal Coliform; Escherichia coli
UT to Strodes Creek at RM 22.2	Clark	0.0 to 3.8	Nutrient/Eutrophication Biological Indicators
UT to Strodes Creek at RM 22.2	Clark	0.0 to 3.8	Organic Enrichment (Sewage) Biological Indicators
UT to Strodes Creek at RM 22.2	Clark	0.0 to 3.8	Specific Conductance
Woodruff Creek into Strodes Creek	Clark	0.0 to 3.7	Fecal Coliform
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 in 2005. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available. KDOW is drafting the pathogen TMDLs as part of the Stoner Creek pathogen TMDL document scheduled for public notice in 2011.

Comment [s5]: Deleted: KDOW will collect additional sediment data and perform geomorphic assessment prior to developing the sediment TMDLs.

4.2.1.9 Threemile Creek

Stream Name	County	River Miles	Pollutant
Threemile Cr. into Licking River	Campbell	0.1 to 4.7	Fecal Coliform
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 the nutrient TMDL when nutrient targets are available.

4.2.1.10 Townsend Creek

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

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

4.2.2 Ohio River Basin

4.2.2.1 Goose Creek Watershed

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 the nutrient TMDL when nutrient targets are available.

4.2.2.2 Gunpowder Creek Watershed

Stream Name	County	River Miles	Pollutant
Gunpowder Creek into Ohio River	Boone	15.4 to 17.1	Sedimentation/Siltation
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

Stream Name	County	River Miles	Pollutant
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 pathogen monitoring in 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

Comment [s6]: Deleted the following sentence because this statement may not be true: KDOW will collect additional sediment data and perform geomorphic assessment prior developing the sediment TMDLs.

4.2.2.3 Locust Creek

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

KDOW completed monitoring in 2006.

4.2.2.4 Pond Creek Watershed

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 at RM 1.5	Oldham	0.0 to 0.5	Chlorine
UT to Pond Creek at RM 1.5	Oldham	0.0 to 0.5	Organic Enrichment (Sewage) Biological Indicators
UT to Pond Creek at RM 1.5	Oldham	0.0 to 0.5	Nutrient/Eutrophication Biological Indicators

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

4.2.2.5 Snag Creek

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

KDOW completed monitoring in 2006.

4.2.2.6 Woolper Creek Watershed

Stream Name	County	River Miles	Pollutant
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.

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	Fecal Coliform
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	0.0 to 2.0	Nutrient/Eutrophication Biological Indicators
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	0.0 to 2.0	Organic Enrichment (Sewage) Biological Indicators
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	2.0 to 2.9	Fecal Coliform
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	2.9 to 15.3	Fecal Coliform
Muddy Fork into Beargrass Creek	Jefferson	0.0 to 6.9	Fecal Coliform
South Fork Beargrass Creek into Beargrass Cr.	Jefferson	0.0 to 2.7	Fecal Coliform
South Fork Beargrass Creek into Beargrass Cr.	Jefferson	0.0 to 2.7	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
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	Fecal Coliform
South Fork Beargrass Creek into Beargrass Cr.	Jefferson	2.7 to 13.6	Nutrient/Eutrophication 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 KWRRI are developing these TMDLs. Public notice has been held and the documents are being revised based upon comments received. Once revisions are made, the documents will be submitted for a second public notice. The TMDLs are anticipated for late 2010.

4.2.3.2 Brooks Run Watershed

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

Comment [a7]:

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

4.2.3.3 Clear Creek Watershed

Stream Name	County	River Miles	Pollutant
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 the nutrient TMDL when nutrient targets are available.

4.2.3.4 Cox Creek

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

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

4.2.3.5 Floyds Fork Watershed

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

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

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

4.2.3.6 Hardins Creek

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

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

4.2.3.7 Northern Ditch Watershed

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

Stream Name	County	River Miles	Pollutant
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)
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

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

4.3 Tennessee-Mississippi-Cumberland Basin Unit

4.3.1 Lower Cumberland River Basin

4.3.1.1 Elk Fork

Stream Name	County	River Miles	Pollutant
Elk Fork into Red River	Todd	22.3 to 31.1	Fecal Coliform
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

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

4.3.1.2 Little River Watershed

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

Stream Name	County	River Miles	Pollutant
Little River into Cumberland River	Trigg	30.0 to 31.4	Nutrient/Eutrophication Biological Indicators
Little River into Cumberland River	Trigg	30.0 to 31.4	Sedimentation/Siltation
Little River into Cumberland River	Trigg	31.4 to 45.5	Nutrient/Eutrophication Biological Indicators
Little River into Cumberland River	Trigg	31.4 to 45.5	Organic Enrichment (Sewage) Biological Indicators
Little River into Cumberland River	Trigg	31.4 to 45.5	Sedimentation/Siltation
Little River into Cumberland River	Christian	45.5 to 57.7	Nutrient/Eutrophication Biological Indicators
Little River into Cumberland River	Christian	45.5 to 57.7	Organic Enrichment (Sewage) Biological Indicators
Little River into Cumberland River	Christian	45.5 to 57.7	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	0.0 to 0.3	Nutrient/Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	0.0 to 0.3	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	0.0 to 0.3	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	0.3 to 7.0	Nutrient/Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	0.3 to 7.0	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	0.3 to 7.0	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	7.0 to 10.9	Nutrient/Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	7.0 to 10.9	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	7.0 to 10.9	Sedimentation/Siltation
N. Fork Little River into Little River	Christian	10.9 to 16.2	Nutrient/Eutrophication Biological Indicators
N. Fork Little River into Little River	Christian	10.9 to 16.2	Organic Enrichment (Sewage) Biological Indicators
N. Fork Little River into Little River	Christian	10.9 to 16.2	Sedimentation/Siltation
Sinking Fork into Little River	Trigg	2.2 to 5.6	Sedimentation/Siltation
Skinner Creek into Casey Creek	Trigg	0.0 to 5.8	Cause Unknown
S. Fork Little River into Little River	Christian	0.0 to 10.3	Nutrient/Eutrophication Biological Indicators
S. Fork Little River into Little River	Christian	0.0 to 10.3	Other
S. Fork Little River into Little River	Christian	0.0 to 10.3	Sedimentation/Siltation
S. Fork Little River into Little River	Christian	10.3 to 20.3	Sedimentation/Siltation
S. Fork Little River into Little River	Christian	10.3 to 20.3	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
S. Fork Little River into Little River	Christian	10.3 to 20.3	Other

KDOW received 319(h) funding for sample collection and TMDL development in the Little River Watershed above Lake Barkley and the data collection was completed in 2002. Additional biological data were collected by KDOW in 2009. The nutrient and organic enrichment TMDLs are currently under development by EPA Region 4.

4.3.1.3 Pleasant Grove Creek Watershed

Stream Name	County	River Miles	Pollutant
Pleasant Grove Creek into Red River	Logan	0.0 to 2.2	Fecal Coliform
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 will be collected as part of a separate study in 2010. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

4.3.2 Mississippi River Basin

No TMDLs currently under development.

4.3.3 Ohio River Basin

4.3.3.1 Bayou Creek Watershed

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

The KWRRI has been contracted by the Paducah Gaseous Diffusion Plant to develop these TMDLs. Additional metals data have been collected, and draft TMDLs are anticipated to be submitted to KDOW during 2010. Initial data for the Beta particles listing indicate that the streams are now meeting water quality standards for this pollutant. If no contrary data are produced, a delisting will be pursued for the beta particles.

4.3.4 Tennessee River Basin

4.3.4.1 Clarks River Watershed

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

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

4.3.5 Upper Cumberland River Basin

4.3.5.1 Laurel River Watershed

Stream Name	County	River Miles	Pollutant
Laurel River into Cumberland River	Laurel	33.7 to 39.8	Sedimentation/Siltation
Laurel River into Cumberland River	Laurel	33.7 to 39.8	Nutrient/Eutrophication Biological Indicators
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	Fecal Coliform
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	Fecal Coliform
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	Fecal Coliform
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	Fecal Coliform
UT to Little Laurel River at RM 16.05	Laurel	0.0 to 1.4	Sedimentation/Siltation
Whitley Branch into Little Laurel River	Laurel	1.1 to 2.6	Fecal Coliform

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

4.3.5.2 Rockcastle River Watershed

Stream Name	County	River Miles	Pollutant
Raccoon Creek into S. 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
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.

4.3.5.3 Sinking Creek Watershed

Stream Name	County	River Miles	Pollutant
Mitchell Creek into Sinking Creek	Laurel	0.0 to 3.8	Cause Unknown
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Sedimentation/Siltation
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Total Suspended Solids

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

KDOW completed monitoring in 2007.

4.4 Green-Tradewater Basin Unit

4.4.1 Green River Basin

4.4.1.1 Bacon Creek

Stream Name	County	River Miles	Pollutant
Bacon Creek into Nolin River	Hart	0.2 to 17.2	Fecal Coliform
Bacon Creek into Nolin River	Hart	17.2 to 27.1	Fecal Coliform
Bacon Creek into Nolin River	Hart	17.2 to 27.1	Sedimentation/Siltation
Bacon Creek into Nolin River	Hart	27.1 to 32.6	Fecal Coliform

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

Comment [s8]: Delteted: data collection

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

Comment [s9]: Deleted: Data collection

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.

4.4.1.4 Cypress Creek Watershed

Stream Name	County	River Miles	Pollutant
Cypress Creek into Pond River	Muhlenberg	23.1 to 26.5	Escherichia coli
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.6	Specific Conductance
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.6	Total Dissolved Solids
Little Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 8.7	Escherichia coli
Little Cypress Creek into Cypress 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 at RM 16.8	Muhlenberg	0.0 to 8.1	Sedimentation/ Siltation
UT of Cypress Creek at RM 26.1	Muhlenberg	0.0 to 3.4	Escherichia coli
UT of Cypress Creek at RM 26.1	Muhlenberg	0.0 to 3.4	Specific Conductance
UT to Cypress Creek at RM 26.3	Muhlenberg	0.0 to 3.0	Escherichia coli
UT to Cypress Creek at RM 28.6	Muhlenberg	0.0 to 1.45	Escherichia coli
UT to Cypress Creek at RM 28.6	Muhlenberg	0.0 to 1.45	Sedimentation/ Siltation
UT to Cypress Creek at RM 28.6	Muhlenberg	0.0 to 1.45	Specific Conductance
UT to Cypress Creek at RM 29.5	Muhlenberg	0.0 to 1.1	Specific Conductance
UT to Little Cypress Creek at RM 3.1	Muhlenberg	0.0 to 1.75	Escherichia coli

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

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

4.4.1.5 Deer Creek Watershed

Stream Name	County	River Miles	Pollutant
Deer Creek into Green River	Webster	0.0 to 8.4	Iron
Deer Creek into Green River	Webster	0.0 to 8.4	Nutrient/Eutrophication Biological Indicators
East Fork of Deer Creek into Deer Creek	Webster	0.0 to 6.8	Sedimentation/Siltation
Havana Creek into Deer Creek	Webster	0.0 to 1.9	Sedimentation/Siltation
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 the nutrient TMDL when nutrient targets are available.

4.4.1.6 Flat Creek

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

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

4.4.1.7 Long Falls Creek Watershed

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

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft TMDLs are anticipated to be submitted in 2011.

4.4.1.8 Panther Creek Watershed

Stream Name	County	River Miles	Pollutant
Burnett Fk. into N Fk. into Panther Cr.	Daviess	0.0 to 1.3	Nitrogen (Total)
Burnett Fk. into N Fk. into Panther Cr.	Daviess	0.0 to 1.3	Phosphorus (Total)
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)
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

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

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft TMDLs are anticipated to be submitted in 2011.

4.4.1.9 Sputzman Creek

Stream Name	County	River Miles	Pollutant
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 the nutrient TMDL when nutrient targets are available.

4.4.1.10 Valley Creek Watershed

Stream Name	County	River Miles	Pollutant
Billy Creek into Valley Creek	Hardin	0.0 to 4.8	Sedimentation/Siltation
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 the nutrient TMDLs when nutrient targets are available.

4.4.2 Tradewater River Basin

4.4.2.1 Caney Creek Watershed

Stream Name	County	River Miles	Pollutant
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	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 at RM 0.6	Hopkins	0.0 to 0.9	pH
UT to Copperas Creek at RM 0.6	Hopkins	0.0 to 0.9	Iron
UT to Copperas Creek at RM 0.6	Hopkins	0.0 to 0.9	Cadmium
UT to Copperas Creek at RM 0.6	Hopkins	0.0 to 0.9	Zinc
UT to Copperas Creek at RM 0.6	Hopkins	0.0 to 0.9	Specific Conductance
UT to Copperas Creek at RM 0.6	Hopkins	0.0 to 0.9	Total Dissolved Solids

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

4.4.2.2 Clear Creek Watershed

Stream Name	County	River Miles	Pollutant
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Cause Unknown
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

Stream Name	County	River Miles	Pollutant
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 the nutrient TMDL when nutrient targets are available.

4.4.2.3 Copper Creek

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

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

4.4.2.4 Hurricane Creek

Stream Name	County	River Miles	Pollutant
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Iron
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	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

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

4.4.3 Ohio River Basin

4.4.3.1 Crooked Creek Watershed

Stream Name	County	River Miles	Pollutant
Crooked Creek into Ohio River	Crittenden	0.0 to 12.1	Nutrient/ Eutrophication Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Fecal Coliform
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Nutrient/ Eutrophication Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Organic Enrichment (Sewage) Biological Indicators
Crooked Creek into Ohio River	Crittenden	12.1 to 26.4	Sedimentation/Siltation
UT to Rush Creek at RM 18.15	Crittenden	0.0 to 1.3	Nutrient/ Eutrophication Biological Indicators
UT to Rush Creek at RM 18.15	Crittenden	0.0 to 1.3	Organic Enrichment (Sewage) Biological Indicators
UT to Rush Creek at RM 18.15	Crittenden	0.0 to 1.3	Specific Conductance

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

Comment [s10]: Deleted: the

4.5 Big Sandy-Little Sandy-Tygarts Basin Unit

4.5.1 Big Sandy River Basin

4.5.1.1 Elkhorn Creek Watershed

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

Monitoring began during 2007 under a 319(h) project grant.

4.5.1.2 Beaver Creek Watershed

Stream Name	County	River Miles	Pollutant
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Escherichia coli
Arkansas Creek into Beaver 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

Stream Name	County	River Miles	Pollutant
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	Escherichia coli
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Iron
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Nitrate/Nitrite (Nitrite + Nitrate as N)
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Nutrient/Eutrophication Biological Indicators
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Organic Enrichment (Sewage) Biological Indicators
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Sedimentation/Siltation
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Specific Conductance
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Total Suspended Solids (TSS)
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Nutrient/Eutrophication Biological Indicators
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Sedimentation/Siltation
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Total Dissolved Solids
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Total Dissolved Solids
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Escherichia coli
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Iron
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Nutrient/Eutrophication Biological Indicators
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Organic Enrichment (Sewage) Biological Indicators
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Sedimentation/Siltation
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Specific Conductance

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

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

Stream Name	County	River Miles	Pollutant
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Sedimentation/Siltation
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Specific Conductance
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Creek	Floyd	0.0 to 11.4	Escherichia coli
Left Fork Beaver Creek into Beaver Creek	Floyd	0.0 to 11.4	Iron
Left Fork Beaver Creek into Beaver Creek	Floyd	0.0 to 11.4	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Creek	Floyd	0.0 to 11.4	Specific Conductance
Left Fork Beaver Creek into Beaver Creek	Floyd	0.0 to 11.4	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Creek	Floyd	11.4 to 13.55	Escherichia coli
Left Fork Beaver Creek into Beaver Creek	Floyd	11.4 to 13.55	Specific Conductance
Left Fork Beaver Creek into Beaver Creek	Floyd	13.55 to 18.7	Nutrient/Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Creek	Floyd	13.55 to 18.7	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Creek	Floyd	13.55 to 18.7	Specific Conductance
Left Fork Beaver Creek into Beaver Creek	Floyd	18.7 to 28.6	Escherichia coli
Left Fork Beaver Creek into Beaver Creek	Floyd	18.7 to 28.6	Nutrient/Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Creek	Floyd	18.7 to 28.6	Specific Conductance
Left Fork Beaver Creek into Beaver Creek	Floyd	18.7 to 28.6	Total Dissolved Solids
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Ammonia (un-ionized)
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Escherichia coli
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Nitrogen (Total)
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Organic Enrichment (Sewage) Biological Indicators
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Phosphorus (Total)
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Sedimentation/Siltation
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Specific Conductance
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Total Dissolved Solids
Puncheon Br. into R. Fk. 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	Escherichia coli, Fecal coliform
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	Escherichia coli
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

Stream Name	County	River Miles	Pollutant
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	Escherichia coli
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	Specific Conductance
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Total Dissolved Solids
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Escherichia coli

Stream Name	County	River Miles	Pollutant
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Nitrogen (Total)
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Oxygen, Dissolved
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Phosphorus (Total)
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Sedimentation/Siltation
Salt Lick Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 6.8	Specific Conductance
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Escherichia coli
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Iron
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Nutrient/Eutrophication Biological Indicators
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Organic Enrichment (Sewage) Biological Indicators
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Sedimentation/Siltation
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Specific Conductance
Simpson Branch into Left Fork Beaver Creek	Floyd	0.0 to 1.8	Total Dissolved Solids
Sizemore Branch into Left Fork Beaver Creek	Floyd	0.0 to 2.0	Escherichia coli
Sizemore Branch into Left Fork Beaver Creek	Floyd	0.0 to 2.0	Specific Conductance
Sizemore Branch into Left Fork Beaver Creek	Floyd	0.0 to 2.0	Total Dissolved Solids
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Escherichia coli
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	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

Stream Name	County	River Miles	Pollutant
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Total Suspended Solids
Spurlock Creek	Floyd	0.0 to 0.6	Escherichia coli
Spurlock Creek	Floyd	0.0 to 0.6	Specific Conductance
Spurlock Creek	Floyd	0.0 to 0.6	Total Dissolved Solids
Spurlock Creek	Floyd	0.6 to 4.0	Specific Conductance
Spurlock Creek	Floyd	0.6 to 4.0	Total Dissolved Solids
Steele Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.4	Ammonia (Un-ionized)
Steele Cr. into R. Fk. Beaver 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	Escherichia coli
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

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

4.5.2 Little Sandy River Basin

No TMDLs currently under development.

4.5.3 Tygarts Creek Basin

No TMDLs currently under development.

4.6 Ohio River Mainstem

4.6.1 Ohio River Mainstem

Stream Name	County	River Miles	Pollutant
Ohio River 317.2 to 319.4	Boyd	317.6 to 319.7	Escherichia coli
Ohio River 319.4 to 340.8	Boyd, Greenup	319.7 to 341.05	Escherichia coli
Ohio River 356.6 to 377.7	Greenup, Lewis	356.8 to 377.65	Escherichia coli
Ohio River 382.9 to 388.0	Lewis	382.85 to 388.0	Escherichia coli
Ohio River 464.5 to 465.2	Campbell	464.1 to 464.8	Escherichia coli
Ohio River 469.3 to 471.4	Campbell, Kenton	468.85 to 471.0	Escherichia coli
Ohio River 471.4 to 475.1	Kenton	471.0 to 474.65	Escherichia coli
Ohio River 475.1 to 477.6	Kenton, Boone	474.65 to 477.1	Escherichia coli
Ohio River 477.6 to 488.0	Boone	477.1 to 487.4	Escherichia coli
Ohio River 603.3 to 608.1	Jefferson	602.1 to 606.6	Escherichia coli
Ohio River 608.1 to 609.2	Jefferson	606.6 to 607.65	Escherichia coli
Ohio River 609.2 to 614.9	Jefferson	607.65 to 613.3	Escherichia coli
Ohio River 614.9 to 683.0	Jefferson, Hardin, Meade	613.3 to 680.9	Escherichia coli
Ohio River 683.0 to 719.5	Meade, Breckinridge, Hancock	680.9 to 716.8	Escherichia coli
Ohio River 719.5 to 735.7	Hancock	716.8 to 732.8	Escherichia coli
Ohio River 735.7 to 756.4	Hancock, Daviess	732.8 to 753.1	Escherichia coli

Stream Name	County	River Miles	Pollutant
Ohio River 756.4 to 760.6	Daviess	753.1 to 757.0	Escherichia coli
Ohio River 760.6 to 789.3	Daviess, Henderson	757.0 to 785.55	Escherichia coli
Ohio River 789.3 to 792.1	Henderson	785.55 to 788.4	Escherichia coli
Ohio River 792.1 to 793.2	Henderson	788.4 to 789.3	Escherichia coli
Ohio River 793.2 to 798.4	Henderson	789.3 to 794.45	Escherichia coli
Ohio River 798.4 to 799.8	Henderson	794.45 to 795.85	Escherichia coli
Ohio River 799.8 to 802.9	Henderson	795.85 to 789.9	Escherichia coli
Ohio River 802.9 to 820.1	Henderson	789.9 to 816.25	Escherichia coli
Ohio River 820.1 to 826.4	Henderson	816.25 to 822.5	Escherichia coli
Ohio River 826.4 to 847.3	Henderson, Union	822.5 to 843.1	Escherichia coli
Ohio River 853.4 to 857.6	Union	849.35 to 853.3	Escherichia coli
Ohio River 862.1 to 872.8	Union	857.8 to 868.3	Escherichia coli
Ohio River 878.2 to 882.9	Crittenden	873.25 to 877.9	Escherichia coli
Ohio River 894.6 to 910.3	Livingston	889.45 to 904.85	Escherichia coli
Ohio River 920.5 to 925.8	Livingston	914.9 to 919.85	Escherichia coli

The Ohio River Valley Water Sanitation Commission (ORSANCO) collects data for the mainstem of the Ohio River. ORSANCO reports the river miles for the Ohio River according to those printed on 7.5 quadrangle maps and these are shown in the Stream Name column. The corresponding National Hydrography Data (NHD) river miles are shown under the River Miles column. A multi-state agreement has been reached to have EPA Region 5 take the lead in producing the pathogen TMDLs. EPA Region 5 has contracted the pathogen TMDL development to a third party and a draft TMDL is anticipated for submittal in 2011.

Chapter 5. Segments Planned for Monitoring During 2010

5.1 Kentucky Basin Unit

5.1.1 Kentucky River Basin

No TMDL monitoring planned for 2010.

5.2 Salt-Licking Basin Unit

5.2.1 Licking River Basin

5.2.1.1 Hinkston Creek Watershed

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

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

5.2.1.2 Stoner Creek Watershed

Stream Name	County	River Miles	Pollutant
Cooper Run into Stoner Creek	Bourbon	0.0 to 10.1	Nutrient/ Eutrophication Biological Indicators
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

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

5.2.2 Ohio River Basin

5.2.2.1 Wetwoods Creek (Slop Ditch)

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

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

5.2.3 Salt River Basin

No TMDL monitoring planned for 2010.

5.3 Tennessee-Mississippi-Cumberland Basin Unit

5.3.1 Lower Cumberland River Basin

5.3.1.1 Red River Watershed

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

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

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

5.3.2 Mississippi River Basin

No TMDL monitoring planned for 2010.

5.3.3 Ohio River Basin

No TMDL monitoring planned for 2010.

5.3.4 Tennessee River Basin

No TMDL monitoring planned for 2010.

5.3.5 Upper Cumberland River Basin

No TMDL monitoring planned for 2010.

5.4 Green-Tradewater Basin Unit

5.4.1 Green River Basin

No TMDL monitoring planned for 2010.

5.4.2 Ohio River Basin

5.4.2.1 Canoe Creek

Stream Name	County	River Miles	Pollutant
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Chromium (total)
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Copper
Canoe Creek into Ohio River	Henderson	2.4 to 5.0	Fecal Coliform
Canoe Creek into Ohio 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 Fork of Canoe Creek	Henderson	0.0 to 4.4	Oxygen, Dissolved
East Fork of Canoe Creek	Henderson	0.0 to 4.4	Sedimentation/ Siltation

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

5.4.3 Tradewater River Basin

No TMDL monitoring planned for 2010.

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit

5.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2010.

5.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2010.

5.5.3 Tygarts Creek Basin

No TMDL monitoring planned for 2010.

5.6 Ohio River Mainstem

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

Chapter 6. Segments Planned for Monitoring During 2011

6.1 Kentucky Basin Unit

6.1.1 Kentucky River Basin

6.1.1.1 Muddy Creek

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

Monitoring will begin in May 2011.

6.2 Salt-Licking Basin Unit

6.2.1 Licking River Basin

No TMDL monitoring planned for 2011.

6.2.2 Salt River Basin

6.2.2.1 Fern Creek

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

Monitoring will begin in May 2011.

6.2.2.2 Northern Ditch

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

Monitoring will begin in May 2011.

6.2.2.3 Southern Ditch

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

Monitoring will begin in May 2011.

6.3 Tennessee-Mississippi-Cumberland Basin Unit

6.3.1 Lower Cumberland Basin

No TMDL monitoring planned for 2011.

6.3.2 Mississippi River Basin

No TMDL monitoring planned for 2011.

6.3.3 Tennessee River Basin

No TMDL monitoring planned for 2011.

6.3.4 Upper Cumberland Basin

No TMDL monitoring planned for 2011.

6.4 Green-Tradewater Basin Unit

6.4.1 Green River Basin

6.4.1.1 Pond Creek Watershed

Stream Name	County	River Miles	Pollutant
Bat East Creek into 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

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

Monitoring will begin in November 2010.

6.4.2 Tradewater River Basin

No TMDL monitoring planned for 2011.

6.4.3 Ohio River Basin

No TMDL monitoring planned for 2011.

6.5 Big Sandy-Little Sandy-Tygarts Basin Unit

6.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2011.

6.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2011.

6.5.3 Ohio River Basin

No TMDL monitoring planned for 2011.

6.5.4 Tygarts Creek Basin

No TMDL monitoring planned for 2011.

Chapter 7. TMDLs Planned for Public Notice During 2010

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

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

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

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

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

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

Chapter 8. TMDLs Planned for Public Notice During 2011

Stream Name	River Miles	County	Pollutant	Quarter
South Elkhorn Creek into Elkhorn Creek	34.5 to 52.7	Fayette	Fecal Coliform	1st
South Elkhorn Creek into Elkhorn Creek	5.0 to 16.6	Woodford	Fecal Coliform	1st
South Elkhorn Creek into Elkhorn Creek	6.6 to 34.5	Woodford	Fecal Coliform	1st
Steeles Run into South Elkhorn Creek	0.0 to 4.2	Fayette	Fecal Coliform	1st
Town Branch Creek into South Elkhorn Creek	0.0 to 9.2	Fayette	Fecal Coliform	1st
Town Branch Creek into South Elkhorn Creek	10.6 to 12.1	Fayette	Fecal Coliform	1st
Town Branch Creek into South Elkhorn Creek	9.2 to 10.6	Fayette	Fecal Coliform	1st
Wolf Run into Town Branch	0.0 to 4.1	Fayette	Fecal Coliform	1st
Bacon Creek into Nolin River	0.2 to 17.2	Hart	Fecal Coliform	1st
Bacon Creek into Nolin River	17.2 to 27.1	Hart	Fecal Coliform	1st
Bacon Creek into Nolin River	27.1 to 32.6	Hart	Fecal Coliform	1st
Houston Creek into Stoner Creek	0.0 to 9.0	Bourbon	Escherichia coli	2nd
Little Stoner Creek into Stoner Creek	0.0 to 5.0	Clark	Escherichia coli	2nd
Strodes Creek into Stoner Creek	2.7 to 19.3	Bourbon	Escherichia coli	2nd
Stoner Creek into Licking River	0.0 to 5.5	Bourbon	Fecal Coliform	2nd
Stoner Creek into Licking River	5.5 to 15.0	Bourbon	Fecal Coliform	2nd
Cane Run	0.0 to 3.0	Scott	Fecal Coliform	3rd
Cane Run	3.0 to 9.6	Scott	Fecal Coliform	3rd
Cane Run	9.6 to 17.4	Fayette	Fecal Coliform	3rd
UT to Cane Run	0.0 to 3.5	Scott	Fecal Coliform	3rd

Stream Name	River Miles	County	Pollutant	Quarter
Beaver Creek into Levisa Fork	0.0 to 7.1	Floyd	Iron	3rd
Buck Branch into Beaver Creek	0.0 to 2.8	Floyd	Iron	3rd
Caleb Fork into Left Fork Beaver Creek	0.0 to 1.2	Floyd	Iron	3rd
Frasure Creek into Left Fork Beaver Creek	0.0 to 5.2	Floyd	Iron	3rd
Jones Fk. into R. Fk. Beaver Cr.	0.0 to 9.9	Knott	Iron	3rd
Left Fork Beaver Creek into Beaver Creek	0.0 to 11.4	Floyd	Iron	3rd
Simpson Branch into Left Fork Beaver Creek	0.0 to 1.8	Floyd	Iron	3rd
Right Fk. Beaver Cr. into Beaver Cr.	0.0 to 17.4	Floyd	pH	3rd
Spewing Camp Branch into Left Fork Beaver Creek	0.0 to 3.1	Floyd	pH	3rd
Arkansas Creek into Beaver Creek	0.0 to 3.6	Floyd	Specific Conductance	3rd
Arnold Fk into R. Fk. Beaver Cr.	0.0 to 2.6	Knott	Specific Conductance	3rd
Beaver Creek into Levisa Fork	0.0 to 7.1	Floyd	Specific Conductance	3rd
Bill D Br. into R. Fk. Beaver Cr.	0.0 to 1.1	Knott	Specific Conductance	3rd
Bill D Br. into R. Fk. Beaver Cr.	1.1 to 2.9	Knott	Specific Conductance	3rd
Buck Branch into Beaver Creek	0.0 to 2.8	Floyd	Specific Conductance	3rd
Caleb Fork into Left Fork Beaver Creek	0.0 to 1.2	Floyd	Specific Conductance	3rd
Caney Fork into Right Fork Beaver Creek	0.0 to 7.5	Knott	Specific Conductance	3rd
Caney Fork into Right Fork Beaver Creek	7.5 to 11.3	Knott	Specific Conductance	3rd
Clear Creek into Left Fork Beaver Creek	0.0 to 4.9	Floyd	Specific Conductance	3rd
Dry Cr. into R. Fk. Beaver Cr.	0.0 to 4.0	Knott	Specific Conductance	3rd
Frasure Creek into Left Fork Beaver Creek	0.0 to 5.2	Floyd	Specific Conductance	3rd

Stream Name	River Miles	County	Pollutant	Quarter
Goose Cr. into R. Fk. Beaver Cr.	0.0 to 2.2	Floyd	Specific Conductance	3rd
Jacks Creek into Left Fork Beaver Creek	0.0 to 4.4	Floyd	Specific Conductance	3rd
Johns Br. into R. Fk. Beaver Cr.	0.0 to 1.6	Floyd	Specific Conductance	3rd
Jones Fk. into R. Fk. Beaver Cr.	0.0 to 9.9	Knott	Specific Conductance	3rd
Left Fork Beaver Creek into Beaver Creek	0.0 to 11.4	Floyd	Specific Conductance	3rd
Left Fork Beaver Creek into Beaver Creek	11.4 to 13.55	Floyd	Specific Conductance	3rd
Left Fork Beaver Creek into Beaver Creek	13.55 to 18.7	Floyd	Specific Conductance	3rd
Left Fork Beaver Creek into Beaver Creek	18.7 to 28.6	Floyd	Specific Conductance	3rd
Otter Creek into Left Fork Beaver Creek	0.0 to 0.5	Floyd	Specific Conductance	3rd
Puncheon Br. into R. Fk. Beaver Cr.	0.0 to 3.6	Knott	Specific Conductance	3rd
Right Fk. Beaver Cr. into Beaver Cr.	0.0 to 17.4	Floyd	Specific Conductance	3rd
Right Fk. Beaver Cr. into Beaver Cr.	17.4 to 23.3	Floyd	Specific Conductance	3rd
Right Fk. Beaver Cr. into Beaver Cr.	23.3 to 30.3	Knott	Specific Conductance	3rd
Right Fk. Beaver Cr. into Beaver Cr.	30.3 to 33.4	Knott	Specific Conductance	3rd
Right Fk. Beaver Cr. into Beaver Cr.	33.4 to 37.9	Knott	Specific Conductance	3rd
Righthand Fork into Bill D Branch	0.0 to 2.0	Knott	Specific Conductance	3rd
Rock Fk. into R Fk. Beaver Cr.	0.0 to 7.0	Floyd	Specific Conductance	3rd
Salisbury Br. into R. Fk. Beaver Cr.	0.0 to 1.8	Knott	Specific Conductance	3rd
Salt Lick Cr. into R. Fk. Beaver Cr.	0.0 to 6.8	Floyd	Specific Conductance	3rd
Simpson Branch into Left Fork Beaver Creek	0.0 to 1.8	Floyd	Specific Conductance	3rd
Sizemore Branch into Left Fork Beaver Creek	0.0 to 2.0	Floyd	Specific Conductance	3rd

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

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

Stream Name	River Miles	County	Pollutant	Quarter
Salisbury Br. into R. Fk. Beaver Cr.	0.0 to 1.8	Knott	Total Dissolved Solids	3rd
Simpson Branch into Left Fork Beaver Creek	0.0 to 1.8	Floyd	Total Dissolved Solids	3rd
Sizemore Branch into Left Fork Beaver Creek	0.0 to 2.0	Floyd	Total Dissolved Solids	3rd
Spewing Camp Branch into Left Fork Beaver Creek	0.0 to 3.1	Floyd	Total Dissolved Solids	3rd
Spurlock Creek	0.0 to 0.6	Floyd	Total Dissolved Solids	3rd
Spurlock Creek	0.6 to 4.0	Floyd	Total Dissolved Solids	3rd
Steele Cr. into R. Fk. Beaver Cr.	0.0 to 2.4	Floyd	Total Dissolved Solids	3rd
Stephens Br. into R. Fk. Beaver Cr.	0.0 to 2.6	Floyd	Total Dissolved Solids	3rd
Wilson Cr. into R. Fk. Beaver Cr.	0.0 to 2.9	Floyd	Total Dissolved Solids	3rd
Hardwick Creek into Red River	0.0 to 3.2	Powell	Fecal Coliform	3rd
Cane Run into North Elkhorn Creek	3.0 to 9.6	Scott	Fecal Coliform	3rd
Cane Run into North Elkhorn Creek	9.6 to 17.4	Fayette	Fecal Coliform	3rd
Cane Run into North Elkhorn Creek	0.0 to 3.0	Scott	Fecal Coliform	3rd
Brush Fork into Long Falls Creek	0.0 to 4.4	McLean	pH	3rd
Burnett Fork into North Fork Panther Creek	0.0 to 1.3	Daviess	Nitrogen (total)	3rd
Burnett Fork into North Fork Panther Creek	0.0 to 1.3	Daviess	Phosphorus (total)	3rd
Cane Run into South Fork Panther Creek	0.0 to 3.7	Daviess	Nutrient/ Eutrophicatio n Biological	3rd

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

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

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

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

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

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

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

9.1 Kentucky River Basin Streams

Arnolds Creek 0.0 to 10.8		Grant County	
Into Ten Mile Creek		Segment Length:	10.8
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)		
Pollutant(s):	Sedimentation/Siltation		
Suspected Sources:	Non-irrigated Crop Production; Streambank Modifications/Destabilization		

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

Bailey Run 0.0 to 2.9		Anderson County	
Into Kentucky River		Segment Length:	2.9
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)		
Pollutant(s):	Sedimentation/Siltation; Total Dissolved Solids		
Suspected Sources:	Post-development Erosion and Sedimentation; Source Unknown; Unspecified Urban Stormwater		

Balls Branch 0.0 to 4.9		Boyle County	
Into Clarks Run		Segment Length:	4.9
Impaired Use(s):	Primary Contact Recreation Water (Nonsupport)		
Pollutant(s):	Escherichia coli		
Suspected Sources:	Agriculture; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)		

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Kentucky Basin Unit
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Balls Fork 8.3 to 11.3 — Knott County
Into Troublesome Creek — Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation; Surface Mining

Baughman Creek 0.0 to 4.6 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 4.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Unrestricted Cattle Access

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Beals Run 0.0 to 1.9 — Woodford County
Into South Elkhorn Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Benson Creek 0.0 to 4.6 — Franklin County
Into Kentucky River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

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

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

Kentucky Basin Unit
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Benson Creek 4.6 to 6.7 — Franklin County
Into Kentucky River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

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

Benson Creek 6.7 to 13.4 — Franklin County
Into Kentucky River — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)

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

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

Big Caney Creek 0.3 to 8.0 — Breathitt County
Into Quicksand Creek — Segment Length: 7.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

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Big Twin Creek 0.0 to 3.8 — Owen County
Into Kentucky River — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Big Willard Creek 0.0 to 4.5 — Perry County
Into North Fork Kentucky River — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Black John Branch 0.0 to 0.4 — Knott County
Into Defeated Creek — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Selenium; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

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

Blair Branch 0.0 to 0.7 — Knott County
Into Defeated Creek — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Blue Lick 0.0 to 4.1 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 4.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The

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

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

Boone Creek 7.4 to 12.6 — Fayette County
Into Kentucky River — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations)

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

Bowen Creek 0.0 to 1.5 — Leslie County
Into Red Bird River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Breeding Branch 0.9 to 4.2 — Knott County
Into Breeding Creek (Carr Fork Reservoir) — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Brush Creek 0.0 to 6.6 — Powell County
Into Red River — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Buckhorn Creek 0.0 to 2.4 — Breathitt County
Into Troublesome Creek — Segment Length: 2.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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Buckhorn Creek 2.4 to 6.8 — Breathitt County
Into Troublesome Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Bull Creek 0.0 to 2.0 — Knox County
Into Collins Fork — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Cane Run 0.0 to 3.0 — Scott County
Into North Elkhorn Creek — Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

KDOW awarded $1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

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

Cane Run 3.0 to 9.6 — Scott County
Into North Elkhorn Creek — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Specific Conductance
Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges

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

University in cooperation with the Cane Run Watershed Council, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

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

Cane Run 9.6 to 17.4 — Fayette County
Into North Elkhorn Creek — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

KDOW awarded $1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. The University in cooperation with the Cane Run Watershed Council, a local watershed stakeholder group, is beginning implementation of the watershed plan during 2010.

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

Caney Creek 0.0 to 1.5 — Owen County
Into Eagle Creek — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing

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

Carr Fork 6.2 to 8.9 — Knott County
Into Carr Fork Reservoir — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Carr Fork 15.6 to 26.4 — Knott County
Into Carr Fork Reservoir — Segment Length: 10.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Source Unknown; Surface Mining; Unspecified Domestic Waste

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

Cat Creek 0.0 to 8.0 — Powell County
Into Red River — Segment Length: 8.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Cedar Creek 0.0 to 9.4 — Owen County
Into Kentucky River — Segment Length: 9.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Silviculture Activities

Chambers Fork 0.7 to 1.1 — Wolfe County
Into Baptist Fork — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Kentucky Basin Unit
Kentucky River Basin
Streams

Clarks Run 0.7 to 4.4 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Municipal Point Source Discharges; Source Unknown; Streambank Modifications/destabilization; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

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

Clarks Run 4.4 to 6.7 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 2.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Clarks Run 6.7 to 14.3 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 7.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Source Unknown; Streambank Modifications/destabilization; Urban Runoff/Storm Sewers

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

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

Collins Fork 2.4 to 6.3 — Clay County
Into Goose Creek — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Cope Fork 0.0 to 1.9 — Breathitt County
Into Frozen Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Activities; Streambank Modifications/destabilization; Surface Mining

Copper Creek 0.0 to 2.2 — Lincoln County
Into Dix River — Segment Length: 2.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Unrestricted Cattle Access

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Crane Creek 0.0 to 5.4 — Clay County
Into South Fork Kentucky River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Crystal Creek 0.0 to 2.3 — Lee County
Into Kentucky River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Landfills

Cutshin Creek 9.7 to 10.7 — Leslie County
Into Middle Fork Kentucky River — Segment Length: 1.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization; Surface Mining

David Fork 0.0 to 1.65 — Fayette County
Into North Elkhorn Creek — Segment Length: 1.65
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing

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

Defeated Creek 0.5 to 1.6 — Knott County
Into Carr Creek Reservoir — Segment Length: 1.1
Impaired Use(s): Primary Contact Recreation (Nonsupport); Secondary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat (Nonsupport); Cold Water Aquatic Habitat Water (Nonsupport)
Pollutant(s): Fecal coliform, Selenium, Specific Conductance, Total Dissolved Solids
Suspected Sources: Mountaintop Mining, Source Unknown, Surface Mining, Unspecified Domestic Waste

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Dix River 33.3 to 36.1 — Garrard County
Into Kentucky River — Segment Length: 2.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Dix River 36.1 to 43.8 — Garrard County
Into Kentucky River — Segment Length: 7.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Municipal Point Source Discharges

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Dix River 64.3 to 73.35 — Lincoln County
Into Kentucky River — Segment Length: 9.05
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Dix River 73.35 to 78.7 — Rockcastle County
Into Kentucky River — Segment Length: 5.35
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Municipal Point Source Discharges

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

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop a comprehensive Watershed Based Plan for the Clark's Run and Hanging Fork watershed. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Drakes Creek 1.15 to 7.3 — Lincoln County
Into Dix River (Herrington Lake) — Segment Length: 6.15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts.

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

Dry Run 0.0 to 3.1 — Scott County
Into North Fork Elkhorn Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Source Unknown

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Duck Fork 0.0 to 4.8 — Lee County
Into Sturgeon Creek — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Eagle Creek 31.6 to 36.5 — Grant County
Into Kentucky River — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

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

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

Eagle Creek 50.8 to 58.5 — Grant County
Into Kentucky River — Segment Length: 7.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

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

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

East Fork Otter Creek 0.0 to 2.7 — Madison County
Into Kentucky River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

Kentucky Basin Unit
Kentucky River Basin
Streams

East Hickman Creek 4.2 to 10.2 — Fayette County
Into Kentucky River — Segment Length: 6.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

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

Elk Creek 0.0 to 1.6 — Owen County
Into Eagle Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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

Flat Creek 0.0 to 7.1 — Franklin County
Into Kentucky River — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

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

Flaxpatch Branch 0.1 to 2.6 — Knott County
Into Carr Fork Reservoir — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Frog Branch 0.0 to 3.4 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 3.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

Kentucky Basin Unit
Kentucky River Basin
Streams

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Frozen Creek 0.0 to 13.9		Breathitt County	
Into North Fork Kentucky River		Segment Length:	13.9
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)		
Pollutant(s):	Sedimentation/Siltation		
Suspected Sources:	Loss of Riparian Habitat; Post-development Erosion and Sedimentation		

Gilberts Creek 0.0 to 1.25		Lincoln County	
Into Dix River (Herrington Lake)		Segment Length:	1.25
Impaired Use(s):	Primary Contact Recreation Water (Nonsupport)		
Pollutant(s):	Escherichia coli		
Suspected Sources:	Agriculture		

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

Goose Creek 0.0 to 1.85		Shelby County	
Into Benson Creek		Segment Length:	1.85
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)		
Pollutant(s):	Cause Unknown; Sedimentation/Siltation		
Suspected Sources:	Agriculture; Habitat Modification - other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)		

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Goose Creek 1.85 to 4.2 — Shelby County
Into Benson Creek — Segment Length: 2.35
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations)

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

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

Goose Creek 0.0 to 8.3 — Clay County
Into South Fork Kentucky River — Segment Length: 8.3
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Grapevine Creek 0.0 to 1.1 — Perry County
Into North Fork Kentucky River — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Hanging Fork of Dix River 0.0 to 15.85 — Lincoln County
Into Dix River — Segment Length: 15.85
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Hanging Fork of Dix River 15.85 to 24.15 Lincoln County
Into Dix River Segment Length: 8.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Hanging Fork of Dix River 24.15 to 27.6 Lincoln County
Into Dix River Segment Length: 3.45
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Municipal Point Source Discharges; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Hanging Fork of Dix River 27.6 to 32.2 — Lincoln County
Into Dix River — Segment Length: 4.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Hardwick Creek 0.0 to 3.2 — Powell County
Into Red River — Segment Length: 3.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

Harris Creek 0.0 to 6.25 — Lincoln County
Into Knoblick Creek — Segment Length: 6.25
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

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

Hatton Creek 0.0 to 4.2 — Powell County
Into Red River — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Hawes Fork 0.0 to 4.4 — Breathitt County
Into Quicksand Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Hector Branch 0.0 to 5.5 — Clay County
Into Red Bird River — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Hickman Creek 0.0 to 6.0 — Jessamine County
Into Kentucky River — Segment Length: 6.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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

Hickman Creek 6.0 to 25.5 — Jessamine County
Into Kentucky River — Segment Length: 19.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-irrigated Crop Production

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

Holly Creek 0.0 to 6.2 — Wolfe County
Into North Fork Kentucky River — Segment Length: 6.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Source Unknown; Streambank Modifications/destabilization; Surface Mining

Horse Creek 0.0 to 8.3 — Clay County
Into Goose Creek — Segment Length: 8.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

Indian Creek 2.6 to 7.8 — Menifee County
Into Red River — Segment Length: 5.2
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

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

Irishman Creek 0.0 to 4.3 — Knott County
Into Carr Fork Reservoir — Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Johnson Fork 0.0 to 0.5 — Wolfe County
Into Lacy Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Residential Districts

Judy Creek 0.0 to 1.5 — Powell County
Into Red River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Kentucky River 0.3 to 11.5 — Owen County
Into Ohio River — Segment Length: 11.2
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury
Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

Kentucky River 53.2 to 66.95 — Franklin County
Into Ohio River — Segment Length: 13.75
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Streams

Kentucky River 67.0 to 84.25 — Franklin County
Into Ohio River — Segment Length: 17.25
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Kentucky River 99.1 to 119.9 — Jessamine County
Into Ohio River — Segment Length: 20.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Kentucky River 121.1 to 138.5 — Jessamine County
Into Ohio River — Segment Length: 17.4
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Kentucky River 153.75 to 209.8 — Jessamine County
Into Ohio River — Segment Length: 56.05
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

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

Knoblick Creek 0.0 to 4.8 — Lincoln County
Into Hanging Fork — Segment Length: 4.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Animal Feeding Operations (NPS); Unrestricted Cattle Access

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts.

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

Lacy Creek 0.0 to 7.25 — Wolfe County
Into Red River — Segment Length: 7.25
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/destabilization; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

Laurel Creek 3.8 to 4.8 — Clay County
Into Goose Creek — Segment Length: 1.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Leatherwood Creek 1.55 to 3.1 — Perry County
Into Middle Fork of Kentucky River (Buckhorn Lake) — Segment Length: 1.55
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Left Fork Island Creek 0.0 to 5.0 — Owsley County
Into Island Creek — Segment Length: 5.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Left Fork Millstone Creek 1.6 to 2.9 — Letcher County
Into Millstone Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport) Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Surface Mining

Lick Creek 0.0 to 5.4 — Carroll County
Into Eagle Creek — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Line Fork 9.1 to 11.6 — Letcher County
Into Franks Creek — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

Line Fork 11.6 to 27.5 — Letcher County
Into Franks Creek — Segment Length: 15.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas

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

Little Carr Fork 0.0 to 4.8 — Knott County
Into Carr Fork — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Little Smith Branch 0.3 to 1.4 — Knott County
Into Smith Branch — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Surface Mining; Unspecified Domestic Waste

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

Little Willard Creek 0.0 to 2.5 — Perry County
Into North Fork Kentucky River — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/destabilization; Surface Mining

Logan Creek 0.0 to 3.15 — Lincoln County
Into Dix River — Segment Length: 3.15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Municipal Point Source Discharges

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Long Fork 0.0 to 4.6 — Breathitt County
Into Buckhorn Creek — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Surface Mining

Lost Creek 0.0 to 3.7 — Breathitt County
Into Troublesome Creek — Segment Length: 3.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Lost Creek 3.7 to 8.95 — Breathitt County
Into Troublesome Creek — Segment Length: 5.25
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/destabilization

Lotts Creek 0.4 to 1.0 — Knott County
Into Youngs Fork — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment)

Lotts Creek 1.2 to 6.0 — Perry County
Into North Fork Kentucky River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/destabilization

Lower Howard Creek 2.65 to 6.2 — Clark County
Into Kentucky River — Segment Length: 3.55
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., Pl-566 NRCS Structures)

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Lulbegrud Creek 0.0 to 7.3 — Clark County
Into Red River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Marble Creek 0.05 to 3.9 — Jessamine County
Into Kentucky River — Segment Length: 3.85
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Source Unknown; Streambank Modifications/destabilization

McConnell Run 0.0 to 4.4 — Scott County
Into North Fork Elkhorn Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing

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

McKinney Branch 0.0 to 1.9 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 1.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Unrestricted Cattle Access

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Meadow Creek 0.5 to 3.7 — Owsley County
Into South Fork Kentucky River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production

Kentucky Basin Unit
Kentucky River Basin
Streams

Middle Fork Kentucky River 6.45 to 12.6 — Lee County
Into Kentucky River — Segment Length: 6.15
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture; Loss of Riparian Habitat

Middle Fork, Kentucky River 61.5 to 64.2 — Leslie County
Into Kentucky River — Segment Length: 2.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Middle Fork of Kentucky River 67.0 to 73.4 — Leslie County
Into Kentucky River — Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/natural Gas Activities; Rangeland Grazing; Reclamation of Inactive Mining; Source Unknown; Surface Mining

Mill Creek 0.0 to 3.3 — Letcher County
Into Rockhouse Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

Mocks Branch 1.6 to 5.7 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) $185,773 to develop an HSPF model (FFY1997) and (2) $121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999). More recently (FFY2002), KDOW was awarded $342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

Kentucky Basin Unit
Kentucky River Basin
Streams

Moseby Branch 0.0 to 2.2 — Owen County
Into Eagle Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Muddy Creek 0.0 to 20.2 — Madison County
Into Kentucky River — Segment Length: 20.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 6, Segments Planned for Monitoring During 2011.

Muncy Creek 2.7 to 4.7 — Leslie County
Into Middle Fork of Kentucky River — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Noland Creek 0.05 to 1.2 — Estill County
Into Kentucky River — Segment Length: 1.15
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

North Benson Creek 0.8 to 2.0 — Franklin County
Into Benson Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Highways, Roads, Bridges, Infrastructure (New Construction)

KDOW awarded $54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded $342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed. During FFY2005, the entire Lower Kentucky River watershed was a focus area for USDA's Conservation Security Program; a program designed to reward producers for maintaining and increasing high levels of conservation standards on their farms.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

North Elkhorn Creek 44.75 to 66.0 — Fayette County
Into Elkhorn Creek — Segment Length: 21.25
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Agriculture

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

North Elkhorn Creek 66.0 to 73.75 — Fayette County
Into Elkhorn Creek — Segment Length: 7.75
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Municipal Point Source Discharges; Source Unknown

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

North Fork North Benson Creek 0.0 to 2.2 — Franklin County
Into North Benson Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

KDOW awarded $54,200 Section 319(h) Grants (FFY1999 and 2000) to the Kentucky Division of Conservation and the Franklin County Conservation District to develop and implement Agriculture Water Quality Plans. Elkhorn Creek was the primary focus; however, technical assistance was provided throughout Franklin County. KDOW awarded $342,704 Section 319(h) Grant funds (FFY2005) to the University of Louisville to develop a Watershed Plan for the Benson Creek watershed. During FFY2005, the entire Lower Kentucky River watershed was a focus area for USDA's Conservation Security Program; a program designed to reward producers for maintaining and increasing high levels of conservation standards on their farms.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

North Fork of Kentucky River 145.5 to 147.9 — Letcher County
Into Kentucky River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification; Municipal Point Source Discharges; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

North Fork of Kentucky River 147.9 to 162.0 — Letcher County
Into Kentucky River — Segment Length: 14.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Silviculture Activities; Urban Runoff/Storm Sewers

Paint Lick Creek 0.0 to 7.5 — Garrard County
Into Kentucky River — Segment Length: 7.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations)

Peyton Creek 0.0 to 4.1 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 4.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Animal Feeding Operations (NPS)

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW was awarded $342,800 Section 319(h) Grant funds (FFY2002) to develop comprehensive Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

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

Plum Branch 0.0 to 3.9 — Powell County
Into Red River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization

Kentucky Basin Unit
Kentucky River Basin
Streams

Polls Creek 0.0 to 4.7 — Leslie County
Into Cutshin Creek — Segment Length: 4.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Potter Fork 0.0 to 4.4 — Letcher County
Into Boone Fork — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

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

Puncheon Camp Creek 0.0 to 3.2 — Breathitt County
Into Middle Fork of Kentucky River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Quicksand Creek 0.0 to 17.0 — Breathitt County
Into North Fork Kentucky River — Segment Length: 17.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform; Turbidity
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Source Unknown; Streambank Modifications/destabilization

Quicksand Creek 21.7 to 30.8 — Breathitt County
Into North Fork Kentucky River — Segment Length: 9.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/destabilization; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

Rattlesnake Creek 0.0 to 1.2 — Grant County
Into Eagle Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Red Bird River 0.0 to 15.3 — Clay County
Into Kentucky River — Segment Length: 15.3
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

Red Lick Creek 0.0 to 5.0 — Estill County
Into Kentucky River — Segment Length: 5.0
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia Coli
Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 8.4.

Red River 64.1 to 67.6 — Wolfe County
Into Kentucky River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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

Red River 70.0 to 83.9 — Wolfe County
Into Kentucky River — Segment Length: 13.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Managed Pasture Grazing

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Red River 89.5 to 93.4 Wolfe County
Into Kentucky River Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

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

Richland Creek 0.0 to 0.8 Owen County
Into Eagle Creek Segment Length: 0.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Specialty Crop Production

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

Right Fork Lacy Creek 0.0 to 2.2 Wolfe County
Into Lacy Creek Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Right Fork Millstone Creek 0.0 to 1.6 Letcher County
Into Left Fork Millstone Creek Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Surface Mining

Rockhouse Creek 0.0 to 3.6 Letcher County
Into North Fork Kentucky River Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Rose Fork 0.0 to 3.1 — Wolfe County
Into Red River — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Salt River of Sixmile Creek 0.0 to 4.5 — Henry County
Into Sixmile Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Sexton Creek 0.1 to 17.2 — Clay County
Into Goose Creek — Segment Length: 17.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)

Silver Creek 11.1 to 29.8 — Madison County
Into Kentucky River — Segment Length: 18.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation

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

Smith Branch 0.7 to 2.5 — Knott County
Into Carr Fork (Carr Fork Reservoir) — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Surface Mining

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

Snow Creek 0.0 to 3.9 — Powell County
Into Lulbegrud Creek — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation

Kentucky Basin Unit
Kentucky River Basin
Streams

South Elkhorn Creek 5.05 to 16.6 — Franklin County
Into Elkhorn Creek — Segment Length: 11.55

Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s):	Chlorine; Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources:	Agriculture; Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Sediment Resuspension (Clean Sediment)

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

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

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

South Elkhorn Creek 16.6 to 34.5 — Woodford County
Into Elkhorn Creek — Segment Length: 17.9

Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s):	Chlorine; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources:	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Non-irrigated Crop Production; Rangeland Grazing; Urban Runoff/Storm Sewers

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

Kentucky Basin Unit
Kentucky River Basin
Streams

South Elkhorn Creek 34.5 to 52.7 — Woodford County
Into Elkhorn Creek — Segment Length: 18.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Chlorine; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Source Unknown

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

South Fork Kentucky River 11.75 to 18.9 — Owsley County
Into Kentucky River — Segment Length: 7.15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

South Fork Quicksand Creek 0.0 to 16.9 — Breathitt County
Into Quicksand Creek — Segment Length: 16.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

Spears Creek 1.0 to 6.2 — Boyle County
Into Herrington Lake (Mocks Branch) — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Source Unknown; Streambank Modifications/destabilization

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded several Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc. to implement watershed restoration strategies: (1) $185,773 to develop an HSPF model (FFY1997) and (2) $121,000 to implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999). More recently (FFY2002), KDOW was awarded $342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Spring Fork 3.1 to 6.9 — Breathitt County
Into Quicksand Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Squabble Creek 0.0 to 4.7 — Perry County
Into Middle Fork of Kentucky River — Segment Length: 4.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Surface Mining

Station Camp Creek 0.0 to 21.3 — Jackson County
Into Kentucky River — Segment Length: 21.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Other Recreational Pollution Sources

Steeles Run 0.0 to 5.1 — Fayette County
Into South Elkhorn Creek — Segment Length: 5.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; Manure Runoff

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

Stevens Creek 14.4 to 17.1 — Owen County
Into Eagle Creek — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing

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

Stillwater Creek 0.0 to 3.5 — Wolfe County
Into Red River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

Stinnett Creek 1.3 to 4.7 — Leslie County
Into Middle Fork of Kentucky River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment)

Sturgeon Creek 8.0 to 12.2 — Lee County
Into Kentucky River — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

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

Sugar Creek 4.8 to 6.0 — Garrard County
Into Kentucky River — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related)

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

Sulphur Creek 0.0 to 1.4 — Henry County
Into Drennon Creek — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Swift Camp Creek 0.0 to 13.95 — Wolfe County
Into Red River of Kentucky River — Segment Length: 13.95
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Tate Creek 0.0 to 6.5 — Madison County
Into Kentucky River — Segment Length: 6.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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

Ten Mile Creek 0.0 to 3.0 — Grant County
Into Eagle Creek — Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Escherichia coli; Oxygen, Dissolved
Suspected Sources: Source Unknown

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

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

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

Three Forks Creek 0.0 to 7.6 — Grant County
Into Eagle Creek — Segment Length: 7.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Town Branch 0.0 to 9.2 — Fayette County
Into South Elkhorn Creek — Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance
Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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

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

Town Branch 9.2 to 10.8 — Fayette County
Into South Elkhorn Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Town Branch 10.8 to 12.1 — Fayette County
Into South Elkhorn Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Unspecified Urban Stormwater

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

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

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

Trace Fork 1.25 to 3.4 — Knott County
Into Carr Fork Reservoir — Segment Length: 2.15
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Specific Conductance; Total Dissolved Solids
Suspected Sources: Mountaintop Mining; Source Unknown; Surface Mining; Unspecified Domestic Waste

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

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

Troublesome Creek 0.0 to 45.1 — Breathitt County
Into North Fork Kentucky River — Segment Length: 45.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted)

Kentucky Basin Unit
Kentucky River Basin
Streams

Upper Devil Creek 0.0 to 1.0 — Wolfe County
Into North Fork Kentucky River — Segment Length: 1.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining

Upper Howard Creek 0.0 to 3.2 — Clark County
Into Kentucky River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Rangeland Grazing; Source Unknown

Upper Jacks Creek 0.0 to 2.2 — Clay County
Into Red Bird River — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Upper Twin Creek 0.0 to 3.6 — Breathitt County
Into Middle Fork of Kentucky River — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

UT of Cane Run 0.0 to 2.1 — Fayette County
Into Cane Run — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total)
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

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

KDOW awarded $1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. Implementation of the Cane Run Watershed Plan begins during 2010.

Kentucky Basin Unit
Kentucky River Basin
Streams

UT of Cane Run 0.0 to 2.4 — Fayette County
Into Cane Run — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrogen (Total); Phosphorus (Total)
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

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

KDOW awarded $1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. Implementation of the Cane Run Watershed Plan begins during 2010.

UT of Cane Run 0.0 to 3.5 — Scott County
Into Cane Run — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nitrogen (Total); Phosphorus (Total)
Suspected Sources: Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

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

KDOW awarded $1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the University of Kentucky to develop and implement a Watershed Plan for the Cane Run watershed. Implementation of the Cane Run Watershed Plan begins during 2010.

UT to East Hickman Creek 0.8 to 2.2 — Fayette County
Into East Hickman Creek — Segment Length: 1.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Unspecified Urban Stormwater

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

UT of Engle Fork 0.0 to 0.5 — Perry County
Into Engle Fork — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Kentucky Basin Unit
Kentucky River Basin
Streams

UT of North Branch Lulbegrud Creek 0.0 to 2.2 — Montgomery County
Into North Branch Lulbegrud Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

UT of North Elkhorn Creek 0.0 to 3.5 — Fayette County
Into North Elkhorn Creek — Segment Length: 3.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4); Municipal (Urbanized High Density Area); Residential Districts; Sanitary Sewer Overflows (Collection System Failures); Wet Weather Discharges (Non-Point Source)

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

UT of North Elkhorn Creek 0.0 to 5.6 — Fayette County
Into North Elkhorn Creek — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/destabilization

UT of Smith Fork 0.0 to 0.55 — Madison County
Into Smith Fork — Segment Length: 0.55
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Surface Mining

UT of Swift Camp Creek 0.0 to 1.5 — Wolfe County
Into Swift Camp Creek — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Septage Disposal

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

Kentucky Basin Unit
Kentucky River Basin
Streams

UT of Trace Fork 0.05 to 0.7 — Knott County
Into Trace Fork — Segment Length: 0.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Unspecified Domestic Waste

West Fork Mill Creek 0.0 to 1.0 — Carroll County
Into Mill Creek — Segment Length: 1.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/destabilization; Unspecified Urban Stormwater

West Hickman Creek 0.0 to 3.1 — Jessamine County
Into Hickman Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

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

KDOW awarded $373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

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

West Hickman Creek 3.1 to 8.4 — Fayette County
Into Hickman Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Residential Districts; Unspecified Urban Stormwater

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

KDOW awarded $373,560 Section 319(h) Grant funds (FFY2003) to the Lexington-Fayette Urban County Government to implement stormwater controls (i.e., retention basin retrofit) in the Gainesway community in the West Hickman Creek watershed.

Kentucky Basin Unit
Kentucky River Basin
Streams

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

White Lick Creek 0.0 to 2.8 — Garrard County
Into Paint Lick Creek — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Non-irrigated Crop Production; Specialty Crop Production

White Oak Creek 0.0 to 2.8 — Garrard County
Into Dix River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Agriculture; Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

White Oak Creek 0.0 to 3.4 — Lincoln County
Into Hanging Fork of Dix River — Segment Length: 3.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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

Wolf Run 0.0 to 4.4 — Fayette County
Into Town Branch — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Specific Conductance
Suspected Sources: Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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

Kentucky Basin Unit
Kentucky River Basin
Streams

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

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

Wooten Creek 0.0 to 3.0		Leslie County	
Into Cutshin Creek		Segment Length:	3.0
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)		
Pollutant(s):	Cause Unknown		
Suspected Sources:	Source Unknown		

9.2 Kentucky River Basin Springs

Royal Spring 0.0 to 0.7		Scott County	
Into North Elkhorn Creek		Segment Length:	0.7
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)		
Pollutant(s):	Nitrogen (Total); Phosphorus (Total)		
Suspected Sources:	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater		

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

9.3 Kentucky River Basin Lakes

Boltz Lake — Grant County
Into Arnolds Creek — Acres: 92
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Unspecified Urban Stormwater

Bullock Pen Lake — Grant County
Into Bullock Pen Creek — Acres: 134
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Carr Fork Reservoir — Knott County
Into Carr Fork of North Fork Kentucky River — Acres: 710
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Cedar Creek Lake — Lincoln County
Into Cedar Creek — Acres: 784
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Elmer Davis Lake — Owen County
Into North Severn Creek — Acres: 149
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture

Kentucky Basin Unit
Kentucky River Basin
Lakes

Herrington Lake		Garrard County
Into Dix River		Acres: 2940
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Fish Consumption (Partial Support)	
Pollutant(s):	Mercury in Fish Tissue; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Internal Nutrient Recycling; Municipal Point Source Discharges; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown	

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

In 1999, the Dix River/Herrington Reservoir watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW has awarded over $1.0 million in Section 319(h) Grants to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc to develop an HSPF model (FFY1997), implement agricultural BMPs in the Mocks/Spears Branch subwatersheds (FFY1999), and implement agricultural BMPs in the Peyton Creek subwatershed (FFY1999, FFY2001, and FFY2002). More recently (FFY2002), KDOW was awarded $342,800 to develop a comprehensive Watershed Plans for the Clark's Run and Hanging Fork watersheds. The Dix River Watershed Council, a local watershed stakeholder group, is actively seeking funding to implement both plans.

Lake Reba		Madison County
Into Muddy Creek		Acres: 78
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved	
Suspected Sources:	Golf Courses; Unspecified Urban Stormwater	

Wilgreen Lake		Madison County
Into Taylor Fork of Silver Creek		Acres: 169
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Secondary Contact Recreation Water (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

Salt-Licking Basin Unit
Licking River Basin
Streams

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

10.1 Licking River Basin Streams

Allison Creek 0.0 to 4.9 — Fleming County
Into Fleming Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total)
Suspected Sources: Animal Feeding Operations (NPS)

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Allison Creek has been a targeted watershed for coordination and funding.

Banklick Creek 0.0 to 3.5 — Kenton County
Into Licking River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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

Sanitation District No. 1 of Northern Kentucky (SD1) of Northern Kentucky has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing $70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded $117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded $600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities. The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern

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

Banklick Creek 3.5 to 8.2		Kenton County
Into Licking River		Segment Length: 4.7
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)	
Pollutant(s):	Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation	
Suspected Sources:	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

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

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing $70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded $117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded $600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities.The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern Kentucky Center for Applied Ecology to direct in lieu fee stream restoration project selection in the watershed. Northern Kentucky Area Planning Commission is an active partner on the BWC and has conducted a South Banklick study. After the completion of the South Banklick study, riparian buffer requirements were adopted as part of the zoning regulations for that area.

Banklick Creek 8.2 to 19.2		Kenton County
Into Licking River		Segment Length: 11
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)	
Pollutant(s):	Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

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

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

sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 is providing $70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded $117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded $600,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop a 319(h) compatible watershed plan to target and fund implementation and restoration activities. The BWC is in the process of acquiring several conservation easements in the watershed. SD1 and the BWC are working with the Northern Kentucky Center for Applied Ecology to direct in lieu fee stream restoration project selection in the watershed. Northern Kentucky Area Planning Commission is an active partner on the BWC and has conducted a South Banklick study. After the completion of the South Banklick study, riparian buffer requirements were adopted as part of the zoning regulations for that area.

<u>Beaver Creek 10.0 to 14.4</u> Menifee County
Into Licking River Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

<u>Big Half Mountain Creek 0.0 to 4.0</u> Magoffin County
Into Licking River Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewer

<u>Blacks Creek 0.0 to 3.4</u> Bourbon County
Into Hinkston Creek Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

<u>Blackwater Creek 3.8 to 11.7</u> Morgan County
Into Licking River Segment Length: 7.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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Boone Creek 0.0 to 5.0 — Bourbon County
Into Hinkston Creek — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Broadtree Fork 0.0 to 1.6 — Magoffin County
Into Left Fork of Licking River — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Broke Leg Creek 0.0 to 1.0 — Morgan County
Into Blackwater Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Broke Leg Creek 1.0 to 4.4 — Morgan County
Into Blackwater Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source

Brushy Fork 0.0 to 5.8 — Pendleton County
Into South Fork, Grassy Creek — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Runoff from Forest/Grassland/Parkland; Streambank Modifications/destabilization

Buffalo Creek 0.0 to 2.85 — Magoffin County
Into Lick Creek — Segment Length: 2.85
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

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Burning Fork 0.0 to 3.3 — Magoffin County
Into Licking River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Source Unknown; Urban Runoff/Storm Sewers

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

Burning Fork 3.3 to 7.9 — Magoffin County
Into Licking River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Caney Creek 0.0 to 4.2 — Morgan County
Into Licking River — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Caskey Fork 0.0 to 2.3 — Morgan County
Into Grassy Fork — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Christy Creek 0.0 to 4.3 — Rowan County
Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

A diverse stakeholder group is addressing water quality and quantity issues in this watershed. KDOW awarded $658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed.

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Clarks Run 0.0 to 2.1 — Mason County
Into North Fork, Licking River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Coffee Creek 0.0 to 4.1 — Morgan County
Into Williams Creek — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/destabilization

Cooper Run 0.0 to 10.1 — Bourbon County
Into Stoner Creek — Segment Length: 10.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Craintown Branch 0.0 to 3.6 — Fleming County
Into Fleming Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total)
Suspected Sources: Animal Feeding Operations (NPS)

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Craintown Branch has been a targeted watershed for coordination and funding.

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Crane Creek 0.0 to 2.9 — Fleming County
Into Fox Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Streambank Modifications/destabilization

Crooked Creek 0.0 to 9.1 — Nicholas County
Into Licking River — Segment Length: 9.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Doty Branch 0.0 to 2.3 — Fleming County
Into Fleming Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

Dry Creek 0.0 to 2.5 — Rowan County
Into Triplett Creek — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers

A diverse stakeholder group is addressing water quality and quantity issues in the Triplett Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. KDOW awarded $658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University and the Triplett Creek Committee to develop and implement a Watershed Plan for the entire Triplett Creek watershed, including the Dry Creek Watershed Plan.

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Elk Fork 0.0 to 4.9 — Morgan County
Into Licking River — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Silviculture Activities

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

Elk Fork 4.9 to 10.5 — Morgan County
Into Licking River — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

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

Elk Fork 12.6 to 14.7 — Morgan County
Into Licking River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

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

Fannins Branch 1.5 to 3.4 — Morgan County
Into Elk Fork — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Flat Creek 0.0 to 0.9 — Bath County
Into Licking River — Segment Length: 0.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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Flat Run 0.0 to 2.2 — Bourbon County
Into Stoner Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations)

See Chapter 5, Segments Planned for Monitoring During 2010.

Fleming Creek 0.0 to 12.8 — Fleming County
Into Licking River — Segment Length: 12.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total)
Suspected Sources: Animal Feeding Operations (NPS)

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

Fleming Creek 12.8 to 16.0 — Fleming County
Into Licking River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed.

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Fleming Creek 20.8 to 39.4 — Fleming County
Into Licking River — Segment Length: 18.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total)
Suspected Sources: Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Allison Creek, a direct tributary of Fleming Creek, has been a targeted watershed for coordination and funding. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded $299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded $303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Fox Creek 0.0 to 10.1 — Fleming County
Into Licking River — Segment Length: 10.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Natural Sources; Source Unknown

Fox Creek 20.1 to 22.7 — Fleming County
Into Licking River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Natural Sources; Silviculture Activities; Silviculture Harvesting

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Grassy Creek 4.6 to 10.0 — Morgan County
Into Licking River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

Green Creek 0.0 to 8.15 — Bourbon County
Into Strodes Creek — Segment Length: 8.15
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Green Creek 8.45 to 9.7 — Clark County
Into Strodes Creek — Segment Length: 1.25
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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Hancock Creek 4.3 to 7.6 — Clark County
Into Strodes Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; pH; Specific Conductance
Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Residential Districts; Source Unknown; Urban Runoff/Storm Sewers

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. The City of Winchester and Strodes Creek Conservancy are working in conjunction with KWA to complete the Hancock Creek Watershed Plan, and are actively seeking implementation funding.

Hinkston Creek 0.0 to 12.6 — Bourbon County
Into South Fork Licking River — Segment Length: 12.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Hinkston Creek 20.8 to 31.0 — Bourbon County
Into South Fork Licking River — Segment Length: 10.2
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations)

Hinkston Creek 41.8 to 49.1 — Bourbon County
Into South Fork Licking River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture

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Hinkston Creek 51.5 to 65.9 — Montgomery County
Into South Fork Licking River — Segment Length: 14.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones

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

KDOW awarded $484,404 Section 319(h) Grant funds (FFY2008) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Upper Hinkston Creek watershed.

Hoods Creek 0.0 to 6.3 — Clark County
Into Strodes Creek — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Houston Creek 0.0 to 9.0 — Bourbon County
Into Stoner Creek — Segment Length: 9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Houston Creek 9.0 to 12.7 — Bourbon County
Into Stoner Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Golf Courses

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

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Howard Branch 0.0 to 2.0 — Magoffin County
Into Licking River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Johnson Creek 0.0 to 3.5 — Robertson County
Into Licking River — Segment Length: 3.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Johnson Creek 0.0 to 0.9 — Clark County
Into Strodes Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Johnson Creek 0.0 to 3.1 — Magoffin County
Into Licking River — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Coal Mining; Source Unknown

Johnson Creek 6.0 to 8.6 — Magoffin County
Into Licking River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas)

Salt-Licking Basin Unit
Licking River Basin
Streams

Lees Creek 0.0 to 4.3 — Mason County
Into North Fork Licking River — Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Left Fork of Johnson Creek 0.0 to 3.15 — Magoffin County
Into Johnson Creek — Segment Length: 3.15
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

Left Fork of Licking River 0.0 to 1.4 — Magoffin County
Into Left Fork of Licking River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Rural (Residential Areas)

Left Fork White Oak Creek 0.0 to 1.8 — Morgan County
Into Licking River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Lick Branch 0.0 to 2.3 — Magoffin County
Into Right Fork of Licking River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Salt-Licking Basin Unit
Licking River Basin
Streams

Lick Creek 0.0 to 2.15 — Magoffin County
Into Licking River — Segment Length: 2.15
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather

The river miles for this segment have been changed to reflect the National Hyrdography Data Set. This segment was formerly 0.0 to 2.1.

Lick Creek 2.15 to 4.6 — Magoffin County
Into Licking River — Segment Length: 2.45
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Licking River 0.0 to 4.8 — Campbell County
Into Ohio River — Segment Length: 4.8
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

Licking River 4.8 to 14.9 — Campbell County
Into Ohio River — Segment Length: 10.1
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Licking River 31.0 to 37.6 — Kenton County
Into Ohio River — Segment Length: 6.6
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Licking River Basin
Streams

Licking River 174.4 to 180.8 — Rowan County
Into Ohio River — Segment Length: 6.4
Impaired Use(s): Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Licking River 224.3 to 241.3 — Morgan County
Into Ohio River — Segment Length: 17
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Licking River 265.0 to 271.6 — Magoffin County
Into Ohio River — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Turbidity
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Petroleum/natural Gas Activities; Rural (Residential Areas); Silviculture Activities; Unspecified Urban Stormwater

Licking River 271.6 to 294.1 — Magoffin County
Into Ohio River — Segment Length: 22.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas); Streambank Modifications/Destabilization

Licking River 294.1 to 302.4 — Magoffin County
Into Ohio River — Segment Length: 8.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

Salt-Licking Basin Unit
Licking River Basin
Streams

Little Beaver Creek 0.0 to 3.3 — Harrison County
Into Beaver Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related)

Little Stoner Creek 0.0 to 5.0 — Clark County
Into Stoner Creek — Segment Length: 5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Locust Creek 0.0 to 11.8 — Fleming County
Into Licking River — Segment Length: 11.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Logan Run 0.0 to 2.3 — Fleming County
Into Fleming Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

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

Since 1998, KDOW has awarded over $1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. In 1999, Fleming Creek was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW helps fund the salary of district employees who coordinate Farm Bill program funding and implementation of management measures. A local group of stakeholders has formed and is involved in watershed planning and implementation in the Fleming Creek watershed. Also in 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise for AWQA compliance.

Salt-Licking Basin Unit
Licking River Basin
Streams

Long Branch 0.0 to 3.9 — Magoffin County
Into Licking River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Mountaintop Mining; Non-Point Source; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Mash Fork 0.0 to 3.0 — Magoffin County
Into Horsepen Fork — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Middle Fork of Licking River 0 to 2.5 — Magoffin County
Into Licking River — Segment Length: 2.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Mill Creek 0.0 to 21.6 — Harrison County
Into South Fork of Licking River — Segment Length: 21.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

North Fork Licking River 8.4 to 12.0 — Morgan County
Into Licking River (Cave Run Lake) — Segment Length: 3.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

North Fork Licking River 12.0 to 13.1 — Morgan County
Into Licking River (Cave Run Lake) — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source

Salt-Licking Basin Unit
Licking River Basin
Streams

North Fork Licking River 18.5 to 52.5 — Bracken County
Into Licking River — Segment Length: 34
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture

Oldfield Fork 0.0 to 3.6 — Morgan County
Into Grassy Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Phillips Creek 0.0 to 5.3 — Campbell County
Into Licking River — Segment Length: 5.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Pretty Run 0.0 to 8.0 — Clark County
Into Strodes Creek — Segment Length: 8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Prickly Ash Creek 0.0 to 3.1 — Bath County
Into Slate Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

KDOW awarded $66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to implement on-site wastewater treatment alternatives in the Slate Creek Watershed.

Salt-Licking Basin Unit
Licking River Basin
Streams

Puncheon Camp Creek 0.0 to 1.1 — Magoffin County
Into Licking River — Segment Length: 1.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Right Fork of Middle Fork of Licking River 3.1 to 4.6 — Magoffin County
Into Middle Fork of Licking River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Rock Fork 0.0 to 4.0 — Rowan County
Into North Fork Triplett Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels)

A diverse stakeholder group is addressing water quality and quantity issues in this watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. Also, KDOW has requested $658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University to develop and implement a Watershed Plan for the entire Triplett Creek watershed.

Salt Lick Creek 3.0 to 8.0 — Bath County
Into Licking River — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Rangeland Grazing

Scrubgrass Creek 0.0 to 1.6 — Nicholas County
Into Cassidy Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Licking River Basin
Streams

Slate Creek 0.0 to 13.6 — Bath County
Into Licking River — Segment Length: 13.6
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

KDOW awarded $66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to educate and implement on-site wastewater treatment alternatives in the Slate Creek Watershed. As part of the FFY1998 Section 319(h) Grant, KDOW awarded an additional $235,000 for design and installation of a decentralized wastewater treatment facility for the community of Preston; located in the headwaters of the Slate Creek watershed. KDOW also awarded $480,000 Section 319(h) Grant funds (FFY2003) to Tetra Tech, Inc. for straight pipe remediation and decentralized wastewater solutions for the community of Olympia in the Slate Creek watershed.

Spruce Creek 0.0 to 1.7 — Montgomery County
Into Slate Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones

State Road Fork 0.0 to 5.8 — Magoffin County
Into Licking River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Stinson Creek 0.0 to 3.3 — Magoffin County
Into Licking River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Stoner Creek 0.0 to 5.5 — Bourbon County
Into South Fork Licking River — Segment Length: 5.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Salt-Licking Basin Unit
Licking River Basin
Streams

Stoner Creek 5.5 to 15.0 — Bourbon County
Into South Fork Licking River — Segment Length: 9.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Stony Creek 0.0 to 3.0 — Nicholas County
Into Licking River — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Straight Creek 0.0 to 1.8 — Morgan County
Into Elk Fork — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

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

Strodes Creek 2.7 to 7.9 — Bourbon County
Into Stoner Creek — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt-Licking Basin Unit
Licking River Basin
Streams

The 2008 Integrated Report listing for Strodes Creek from river mile 2.7 to 19.3 has been split into two segments, 2.7 to 7.9 and 7.9 to 19.3.

Strodes Creek 7.9 to 19.3		Bourbon County
Into Stoner Creek		Segment Length: 11.4
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)	
Pollutant(s):	Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance	
Suspected Sources:	Agriculture; Habitat Modification - other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater	

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

The 2008 Integrated Report listing for Strodes Creek from river mile 2.7 to 19.3 has been split into two segments, 2.7 to 7.9 and 7.9 to 19.3.

Strodes Creek 19.3 to 26.4		Clark County
Into Stoner Creek		Segment Length: 7.1
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)	
Pollutant(s):	Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point Source; Urban Runoff/Storm Sewers	

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt-Licking Basin Unit
Licking River Basin
Streams

Threemile Creek 0.1 to 4.7 — Campbell County
Into Licking River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Source Unknown

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

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

Townsend Creek 0.0 to 4.9 — Bourbon County
Into South Fork Licking River — Segment Length: 4.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $900,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Chapter of the Nature Conservancy to target agricultural BMPs, conservation easements, and other water quality practices in 303(d) impaired watersheds in the Licking River Basin; the project has a specific goal of meeting water quality standards in Townsend Creek.

Trace Fork 0.0 to 3.1 — Magoffin County
Into Licking River — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Salt-Licking Basin Unit
Licking River Basin
Streams

Triplett Creek 5.9 to 12.3		Rowan County
Into Licking River		Segment Length: 6.4
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)	
Pollutant(s):	Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation	
Suspected Sources:	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/modification; Municipal Point Source Discharges; Source Unknown; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers	

A diverse stakeholder group is addressing water quality and quantity issues in this watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed, a direct tributary to this impaired segment of Triplett Creek. Also, KDOW has requested $658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University to develop and implement a Watershed Plan for the entire Triplett Creek watershed.

UT to Hancock Creek 0.0 to 3.72		Clark County
Into Strodes Creek		Segment Length: 3.72
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)	
Pollutant(s):	Fecal Coliform; Specific Conductance	
Suspected Sources:	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers	

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. The City of Winchester and Strodes Creek Conservancy are working in conjunction with KWA to complete the Hancock Creek Watershed Plan, and are actively seeking implementation funding.

Salt-Licking Basin Unit
Licking River Basin
Streams

UT to Mill Creek 0.0 to 4.0 — Fleming County
Into Mill Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

UT to Strodes Creek 0.0 to 3.8 — Clark County
Into Strodes Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Residential Districts; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

UT to UT to Lees Creek 0.0 to 1.6 — Mason County
Into Lees Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Williams Creek 0.0 to 5.3 — Morgan County
Into Elk Fork — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources; Source Unknown

Salt-Licking Basin Unit
Licking River Basin
Streams

Woodruff Creek 0.0 to 3.7		Clark County
Into Strodes Creek		Segment Length: 3.7
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)	
Pollutant(s):	Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Specific Conductance	
Suspected Sources:	Agriculture; Loss of Riparian Habitat; Non-Point Source	

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

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

Salt-Licking Basin Unit
Licking River Basin
Lakes

10.2 Licking River Basin Lakes

Cave Run Lake — Rowan County
Into Licking River — Acres: 8270
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Atmospheric Deposition-Toxics; Source Unknown

Doe Run Lake — Kenton County
Into Bullock Pen Creek — Acres: 51
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Source Unknown; Upstream Source

Kincaid Lake — Pendleton County
Into Licking River — Acres: 183
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture

Salt-Licking Basin Unit
Ohio River Basin
Streams

10.3 Ohio River Basin Streams

Allen Fork 2.0 to 4.6 — Boone County
Into Woolper Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Unspecified Urban Stormwater

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

Big South Fork 2.3 to 4.3 — Boone County
Into Big Bone Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Big Sugar Creek 0.7 to 2.0 — Gallatin County
Into Ohio River — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)

Bracken Creek 2.8 to 11.0 — Bracken County
Into Ohio River — Segment Length: 8.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Briery Branch 0.2 to 2.2 — Lewis County
Into Ohio River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)

Brush Creek 0.0 to 1.6 — Campbell County
Into Twelvemile Creek — Segment Length: 1.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges

Salt-Licking Basin Unit
Ohio River Basin
Streams

Cabin Creek 3.6 to 11.3 — Mason County
Into Ohio River — Segment Length: 7.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

Clary Branch 0.0 to 1.9 — Lewis County
Into Salt Lick Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland

Dry Creek 0.2 to 7.0 — Boone County
Into Ohio River — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

Dry Creek 1.1 to 3.0 — Gallatin County
Into Ohio River — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations)

Fourmile Creek 0.2 to 8.5 — Campbell County
Segment Length: 8.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)

Sanitation District No. 1 of Northern Kentucky (SD1) has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to address sewer overflows and water quality in Northern Kentucky, including this watershed.

Salt-Licking Basin Unit
Ohio River Basin
Streams

Goose Creek 0.0 to 1.9 — Bracken County
Into Locust Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Natural Sources; Surface Mining

Gunpowder Creek 0.0 to 15.0 — Boone County
Into Ohio River — Segment Length: 15
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded $501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek

Gunpowder Creek 15.4 to 17.1 — Boone County
Into Ohio River — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/destabilization; Unspecified Urban Stormwater

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

KDOW awarded $501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Gunpowder Creek 18.9 to 21.6 — Boone County
Into Ohio River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Unspecified Urban Stormwater

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

KDOW awarded $501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Laurel Fork 5.8 to 15.9 — Lewis County
Into Kinniconick Creek — Segment Length: 10.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Turbidity

Salt-Licking Basin Unit
Ohio River Basin
Streams

Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas; Silviculture Activities

Lick Run Creek 0.0 to 3.5 — Breckinridge County
Into Ohio River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; Non-irrigated Crop Production

Little Kentucky River 21.5 to 27.65 — Henry County
Into Ohio River — Segment Length: 6.15
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 21.0 to 27.0.

Locust Creek 0.0 to 4.1 — Bracken County
Into Ohio River — Segment Length: 4.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Locust Creek 4.1 to 12.2 — Bracken County
Into Ohio River — Segment Length: 8.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Middle Creek 0.4 to 5.6 — Boone County
Into Ohio River — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Salt-Licking Basin Unit
Ohio River Basin
Streams

Montgomery Creek 0.0 to 6.5 — Lewis County
Into Kinniconick Creek — Segment Length: 6.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas; Site Clearance (Land Development or Redevelopment)

Salt Lick Creek 0.2 to 7.2 — Lewis County
Into Ohio River — Segment Length: 7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/Parkland

Snag Creek 0.5 to 5.5 — Bracken County
Into Ohio River — Segment Length: 5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

South Fork Gunpowder Creek 0.0 to 2.0 — Boone County
Into Ohio River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Turbidity
Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

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

KDOW awarded $501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Salt-Licking Basin Unit
Ohio River Basin
Streams

South Fork Gunpowder Creek 4.1 to 6.8 — Boone County
Into Ohio River — Segment Length: 2.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $501,056 Section 319(h) Grant funds (FFY2009) to the Boone County Conservation District to develop a comprehensive Watershed Based Plan for Gunpowder Creek.

Tenmile Creek 0.05 to 1.15 — Campbell County
Into Ohio River — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Trace Creek 0.2 to 4.6 — Lewis County
Into Kinniconick Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas; Silviculture Activities

Woolper Creek 2.8 to 7.2 — Boone County
Into Ohio River — Segment Length: 4.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

Woolper Creek 11.9 to 14.0 — Boone County
Into Ohio River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Total Suspended Solids (TSS)
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/modification; Urban Runoff/Storm Sewers

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

10.4 Ohio River Basin Lakes

Alexandria Park Lake — Campbell County
Into Fourmile Creek — Acres: 6.1
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Lake Jericho — Henry County
Into Little Kentucky River — Acres: 137
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Salt-Licking Basin Unit
Salt River Basin
Streams

10.5 Salt River Basin Streams

Beargrass Creek 0.5 to 1.8 — Jefferson County
Into Ohio River — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Beech Creek 4.6 to 19.6 — Shelby County
Into Taylorsville Lake — Segment Length: 15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Beech Fork 39.5 to 50.4 — Nelson County
Into Rolling Fork, Salt River — Segment Length: 10.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Big South Fork 0.0 to 12.4 — Marion County
Into Rolling Fork, Salt River — Segment Length: 12.4
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Grazing in Riparian or Shoreline Zones

Blue Spring Ditch 0.0 to 2.1 — Jefferson County
Into Northern Ditch — Segment Length: 2.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 6, Segments Planned for Monitoring During 2011.

Brashears Creek 0.0 to 13.0 — Spencer County
Into Salt River — Segment Length: 13
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Salt River Basin
Streams

Brooks Run 0.0 to 2.5 — Bullitt County
Into Floyds Fork — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

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

KDOW awarded $192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Brooks Run 2.5 to 4.1 — Bullitt County
Into Floyds Fork — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Brooks Run 4.1 to 6.1 — Bullitt County
Into Floyds Fork — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Salt-Licking Basin Unit
Salt River Basin
Streams

Bullitt Lick Creek 0.0 to 2.3 — Bullitt County
Into Salt River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Cartwright Creek 0.0 to 6.6 — Washington County
Into Beech Fork, Salt River — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

Cartwright Creek 6.6 to12.6 — Washington County
Into Beech Fork, Salt River — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Chaplin River 0.0 to 23.1 — Nelson County
Into Beech Fork — Segment Length: 23.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Chaplin River 63.0 to 69.7 — Mercer County
Into Beech Fork — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Cheese Lick 0.7 to 4.4 — Anderson County
Into Sulphur Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/destabilization

Salt-Licking Basin Unit
Salt River Basin
Streams

Chenoweth Run 0.0 to 5.2 — Jefferson County
Into Floyds Fork — Segment Length: 5.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Chenoweth Run 5.2 to 9.2 — Jefferson County
Into Floyds Fork — Segment Length: 4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Clear Creek 0 to 4.4 — Hardin County
Into Rolling Fork, Salt River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Clear Creek 0.0 to 11.0 — Shelby County
Into Bullskin Creek — Segment Length: 11
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

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

Salt-Licking Basin Unit
Salt River Basin
Streams

Cox Creek 11.2 to 15.5 — Nelson County
Into Salt River — Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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

Cox Creek 0.0 to 4.7 — Bullitt County
Into Salt River — Segment Length: 4.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Crooked Creek 5.6 to 12.8 — Bullitt County
Into Rolling Fork, Salt River — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Currys Fork 0.0 to 4.8 — Oldham County
Into Floyds Fork — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Discharges from Municipal Separate Storm Sewer Systems (MS4); Habitat Modification - other than Hydromodification; Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges; Site Clearance (Land Development or Redevelopment

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

KDOW awarded $970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and begin implementation of a Watershed Plan in the Curry's Fork watershed. KDFWR FILO program has allocated $878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. Money to fund the stream restoration will come from fees generated in the Curry's Fork Watershed. KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Salt-Licking Basin Unit
Salt River Basin
Streams

Doe Run 4.1 to 7.9 — Meade County
Into Ohio River — Segment Length: 3.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

East Fork Beech Fork 0.0 to 1.9 — Washington County
Into Beech Fork — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Fern Creek 0.0 to 1.3 — Jefferson County
Into Northern Ditch — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Fern Creek 1.3 to 4.4 — Jefferson County
Into Northern Ditch — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Salt-Licking Basin Unit
Salt River Basin
Streams

Fern Creek 4.4 to 5.9 — Jefferson County
Into Northern Ditch — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Floyds Fork 0.0 to 11.6 — Bullitt County
Into Salt River — Segment Length: 11.6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Floyds Fork 11.6 to 24.2 — Jefferson County
Into Salt River — Segment Length: 12.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Salt-Licking Basin Unit
Salt River Basin
Streams

Floyds Fork 24.2 to 34.1 — Jefferson County
Into Salt River — Segment Length: 9.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Floyds Fork 34.1 to 61.9 — Shelby County
Into Salt River — Segment Length: 27.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges; Site Clearance (Land Development or Redevelopment); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Glens Creek 0.0 to 4.8 — Washington County
Into Chaplin River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Streambank Modifications/destabilization

Salt-Licking Basin Unit
Salt River Basin
Streams

Goose Creek 0.3 to 3.6 — Jefferson County
Into Ohio River — Segment Length: 3.3
Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges, Industrial Point Source Discharges; Urban Runoff/Storm Sewers

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

Goose Creek 3.6 to 13.0 — Jefferson County
Into Ohio River — Segment Length: 9.4
Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Source Unknown

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

Guist Creek 15.4 to 27.6 — Shelby County
Into Brashears Creek — Segment Length: 12.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater; Upstream Impoundments (e.g., Pl-566 NRCS Structures)

Hardins Creek 0.0 to 5.0 — Breckinridge County
Into Sinking Creek — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

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

KDOW awarded $321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a non-

formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Hardins Creek 5.2 to 11.4		Breckinridge County
Into Sinking Creek		Segment Length: 6.2
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Municipal Point Source Discharges	

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

KDOW awarded $321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a non-formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Hardins Creek 13.3 to 22.9		Marion County
Into Beech Fork		Segment Length: 9.6
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total); Sedimentation/Siltation	
Suspected Sources:	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access	

Hardy Creek 0.0 to 1.4		Trimble County
Into Little Kentucky River		Segment Length: 1.4
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/destabilization; Urban Runoff/Storm Sewers	

Salt-Licking Basin Unit
Salt River Basin
Streams

Hardy Creek 1.6 to 5.6 — Trimble County
Into Little Kentucky River — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Harrods Creek 0.0 to 3.2 — Oldham County
Into Ohio River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges

Harrods Creek 3.2 to 33.3 — Oldham County
Into Ohio River — Segment Length: 30.1
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Darby Creek watershed, a direct tributary to Harrods Creek

Hayden Creek 0.0 to 1.3 — Mercer County
Into Chaplin River — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Other
Suspected Sources: Source Unknown

Hite Creek 0.0 to 5.5 — Jefferson County
Into South Fork Harrods Creek — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Municipal Point Source Discharges

Jeptha Creek 0.0 to 0.7 — Shelby County
Into Guist Creek — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Salt-Licking Basin Unit
Salt River Basin
Streams

Jones Creek 0.0 to 3.9 — Marion County
Into North Rolling Fork — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Little Goose Creek 0.0 to 9.2 — Jefferson County
Into Goose Creek — Segment Length: 9.2
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Urban Runoff/Storm Sewers

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

Long Lick Creek 0.0 to 10.5 — Bullitt County
Into Salt River — Segment Length: 10.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Long Run 0.0 to 10.0 — Jefferson County
Into Floyds Fork — Segment Length: 10
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Mellins Branch 0.0 to 1.5 — Carroll County
Into Little Kentucky River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)

Salt-Licking Basin Unit
Salt River Basin
Streams

Middle Fork Beargrass Creek 0.0 to 2.0 — Jefferson County
Into Beargrass Creek — Segment Length: 2
Impaired Use(s): Primary Contact Recreation (Nonsupport); Warm Water Aquatic Habitat Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; 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 2010 and Chapter 7, TMDLs Planned for Public Notice During 2010.

Middle Fork Beargrass Creek 2.0 to 2.9 — Jefferson County
Into Beargrass Creek — Segment Length: 0.9
Impaired Use(s): Primary Contact Recreation (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Middle Fork Beargrass Creek 2.9 to 15.3 — Jefferson County
Into Beargrass Creek — Segment Length: 12.4
Impaired Use(s): Primary Contact Recreation (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Mill Creek 0.0 to 11.2 — Jefferson County
Into Ohio River — Segment Length: 11.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Salt-Licking Basin Unit
Salt River Basin
Streams

Mill Creek Cutoff 0.0 to 6.7 — Jefferson County
Into Ohio River — Segment Length: 6.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Muddy Fork Beargrass Creek 0.0 to 6.9 — Jefferson County
Into Beargrass Creek — Segment Length: 6.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

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

Northern Ditch 0.0 to 7.3 — Jefferson County
Into Southern Ditch/Pond Creek — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 4, Status of TMDLs Under Development Prior to 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

Otter Creek 0.0 to 10.7 — Meade County
Into Ohio River — Segment Length: 10.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Otter Creek 0.0 to 2.9 — Larue County
Into Rolling Fork of Salt River — Segment Length: 2.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Salt River Basin
Streams

Pennsylvania Run 0.0 to 3.3 — Jefferson County
Into Floyds Fork — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Illegal Dumps or Other Inappropriate Waste Disposal; Loss of Riparian Habitat; Municipal Point Source Discharges; Runoff from Forest/Grassland/Parkland; Streambank Modifications/destabilization; Upstream Impoundments (e.g., PI-566 NRCS Structures); Urban Runoff/Storm Sewers

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Pleasant Run 4.2 to 6.9 — Washington County
Into Beech Fork — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/destabilization; Unrestricted Cattle Access

Plum Creek 0.0 to 17.8 — Spencer County
Into Salt River — Segment Length: 17.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Pond Creek 0.0 to 1.5 — Oldham County
Into Ohio River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Chlorine; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

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

Salt-Licking Basin Unit
Salt River Basin
Streams

Pond Creek/Southern Ditch 5.1 to 8.1 — Jefferson County
Into Pond Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Pope Lick Creek 2.0 to 5.2 — Jefferson County
Into Floyds Fork — Segment Length: 3.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Road Run 0.0 to 7.1 — Washington County
Into Cartwright Creek — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Impacts from Hydrostructure Flow Regulation/modification; Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Streambank Modifications/destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)

Rolling Fork 0.0 to 40.7 — Larue County
Into Salt River — Segment Length: 40.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Salt River Basin
Streams

Salt River 11.9 to 26.2 — Bullitt County
Into Ohio River — Segment Length: 14.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Fish Consumption (Partial Support)
Pollutant(s): Fecal Coliform; Methylmercury
Suspected Sources: Source Unknown

KDOW awarded $244,000 Section 319(h) Grant funds (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

Short Creek 0.0 to 5.0 — Washington County
Into Beech Fork — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Sinking Creek 8.7 to 15.4 — Breckinridge County
Into Ohio River — Segment Length: 6.7
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Municipal Point Source Discharges

KDOW awarded $321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational effort for the Sinking Creek watershed. The educational component was designed for a non-formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Sinking Creek 15.4 to 39.7 — Breckinridge County
Into Ohio River — Segment Length: 24.3
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded $321,000 Section 319(h) Grant funds (FFY 2004) to the Kentucky Department of Agriculture to conduct pesticide and nutrient monitoring and lead a water quality educational

effort for the Sinking Creek watershed. The educational component was designed for a non-formal adult audience primarily focusing on the proper management of forest and agricultural lands including topics such as application practices of pesticides and fertilizers on crop fields and the management of buffers and riparian zones. The Sinking Creek Watershed Council is active in the watershed and has conducted several field days, provided teacher workshops, produced a watershed video, and held a Watershed Roundtable meeting. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

South Fork Beargrass Creek 0.0 to 2.7 — Jefferson County
Into Beargrass Creek — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

South Fork Beargrass Creek 2.7 to 13.6 — Jefferson County
Into Beargrass Creek — Segment Length: 10.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Southern Ditch 0.0 to 5.9 — Jefferson County
Into Pond Creek, Salt River — Segment Length: 5.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 6, Segments Planned for Monitoring During 2011

Salt-Licking Basin Unit
Salt River Basin
Streams

Sulphur Creek 0.0 to 10.0 — Anderson County
Into Chaplin River — Segment Length: 10
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Thompson Creek 0.0 to 9.2 — Mercer County
Into Chaplin River — Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization

Tioga Creek 0.0 to 2.5 — Hardin County
Into Abrahams Run — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts; Upstream Source

UT to Brooks Run 0.0 to 2.0 — Bullitt County
Into Brooks Run — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

UT to Buffalo Run 0.0 to 1.1 — Bullitt County
Into Buffalo Run — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Salt-Licking Basin Unit
Salt River Basin
Streams

KDOW awarded $216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed and $244,000 (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

UT to Hammond Creek 0.0 to 1.8		Anderson County
Into Hammond Creek		Segment Length: 1.8
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)	
Pollutant(s):	Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)	
Suspected Sources:	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access	

UT to Pond Creek 0.0 to 0.5		Oldham County
Into Pond Creek		Segment Length: 0.5
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)	
Pollutant(s):	Chlorine; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Package Plant or Other Permitted Small Flows Discharges	

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

UT to Salt River 0.0 to 2.4		Mercer County
Into Salt River		Segment Length: 2.4
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Sedimentation/Siltation	
Suspected Sources:	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/destabilization; Unrestricted Cattle Access	

UT to Southern Ditch 0.0 to 2.6		Jefferson County
Into Southern Ditch		Segment Length: 2.6
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)	
Pollutant(s):	Sedimentation/Siltation	
Suspected Sources:	Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Impervious Surface/Parking Lot Runoff	

Salt-Licking Basin Unit
Salt River Basin
Streams

UT to UT to Guist Creek 0.0 to 2.4 — Shelby County
Into Guist Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Wetwoods Creek (Slop Ditch) 0.0 to 3.7 — Jefferson County
Into Northern Ditch — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Fecal Coliform
Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

See Chapter 5, Segments Planned for Monitoring During 2010 and Chapter 6, Segments Planned for Monitoring During 2011.

The cadmium listing is based on Louisville and Jeffferson County MSD data. It was noted that the cadmium metals data should be used with caution.

Wilson Creek 0.0 to 2.2 — Bullitt County
Into Rolling Fork of Salt River — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

KDOW awarded $336,305 in Section 319(h) Grant funds (FFY2000) to the Bernheim Arboretum and Research Forest to conduct riparian and stream restoration and to provide technical training on natural channel design techniques and methodologies.

Withrow Creek 0.0 to 3.9 — Nelson County
Into Beech Fork — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Other Spill Related Impacts

Salt-Licking Basin Unit
Salt River Basin
Streams

Yellowbank Creek 1.5 to 12.0		Breckinridge County
Into Ohio River		Segment Length: 10.5
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation	
Suspected Sources:	Animal Feeding Operations (NPS); Channel Erosion/Incision from Upstream Hydromodifications; Livestock (Grazing or Feeding Operations); Streambank Modifications/destabilization	

Younger Creek 0.0 to 4.5		Hardin County
Into Rolling Fork of Salt River		Segment Length: 4.5
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation	
Suspected Sources:	Channelization; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Silviculture Activities	

10.6 Salt River Basin Ponds

Chickasaw Park Pond		Jefferson County
Into Ohio River		Acres: 1.5
Impaired Use(s):	Fish Consumption (Partial Support)	
Pollutant(s):	Methylmercury	
Suspected Sources:	Source Unknown	

Salt-Licking Basin Unit
Salt River Basin
Lakes

10.7 Salt River Basin Lakes

Beaver Lake — Anderson County
Into Chaplin River — Acres: 158
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Guist Creek Lake — Shelby County
Into Guist Creek — Acres: 317
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Fish Consumption (Partial Support); Domestic Water Supply (Partial Support)
Pollutant(s): Manganese; Mercury in Fish Tissue; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Natural Sources; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas); Source Unknown

McNeely Lake — Jefferson County
Into Pennsylvania Run — Acres: 51
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

Shelby Lake — Shelby County
Into Clear Creek — Acres: 17
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Internal Nutrient Recycling

Taylorsville Lake — Spencer County
Into Salt River — Acres: 3050
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Methylmercury; Oxygen, Dissolved
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Source Unknown; Upstream Source

Willisburg Lake — Washington County
Into Lick Creek — Acres: 126
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Source Unknown; Upstream Source

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Chapter 11. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List

11.1 Lower Cumberland River Basin Streams

Casey Creek 0.0 to 3.6 — Trigg County
Into Little River — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sources Outside State Jurisdiction or Borders

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Claylick Creek 4.8 to 10.7 — Crittenden County
Into Cumberland River — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

Claylick Creek 10.7 to 13.9 — Crittenden County
Into Cumberland River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-Irrigated Crop Production

Crab Creek 0.0 to 4.8 — Lyon County
Into Livingston Creek — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Cypress Creek 0.1 to 6.1 — Livingston County
Into Cumberland River — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Donaldson Creek 7.2 to 9.3 — Trigg County
Into Cumberland River (Lake Barkley) — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Dredge Mining

Dry Creek 0.0 to 3.65 — Caldwell County
Into Eddy Creek — Segment Length: 3.65
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Off-road Vehicles; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.6.

Dry Fork 0.0 to 7.3 — Logan County
Into Whippoorwill Creek — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production; Unrestricted Cattle Access

See Chapter 5, Segments Planned for Monitoring During 2010.

Dry Fork Creek 5.8 to 6.6 — Christian County
Into Noah Spring Branch — Segment Length: 0.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Eddy Creek 13.0 to 15.7 — Caldwell County
Into Cumberland River (Lake Barkley) — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total)
Suspected Sources: Agriculture; Rural (Residential Areas)

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Elk Fork 22.3 to 31.1 — Todd County
Into Red River of Cumberland River — Segment Length: 8.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Source Unknown

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

Ferguson Creek 1.2 to 2.3 — Livingston County
Into Cumberland River — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Kenady Creek 0.0 to 4.0 — Trigg County
Into Muddy Fork of Little River — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Little River 14.7 to 20.6 — Trigg County
Into Cumberland River (Lake Barkley) — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Dam or Impoundment

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.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Little River 20.6 to 30.0 — Trigg County
Into Cumberland River (Lake Barkley) — Segment Length: 9.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Methylmercury; Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Little River 30.0 to 31.4 — Trigg County
Into Cumberland River (Lake Barkley) — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Little River 31.4 to 45.5 — Trigg County
Into Cumberland River (Lake Barkley) — Segment Length: 14.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

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

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.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Little River 45.5 to 57.7 — Christian County
Into Cumberland River (Lake Barkley) — Segment Length: 12.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Livingston Creek 4.6 to 7.0 — Lyon County
Into Cumberland River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; pH
Suspected Sources: Agriculture; Source Unknown

Livingston Creek 11.6 to 15.5 — Lyon County
Into Cumberland River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Long Pond Branch 2.7 to 3.2 — Trigg County
Into Muddy Fork of Little River — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

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.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Lower Branch 3.4 to 9.3 — Christian County
Into Little River — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Middle Branch of North Fork of Little River 1.3 to 3.9 — Christian County
Into Upper Branch of North Fork of Little River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/destabilization

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Muddy Fork 14.5 to 26.6 — Trigg County
Into Little River — Segment Length: 12.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

North Fork of Little River 0.0 to 0.3 — Christian County
Into Little River — Segment Length: 0.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

North Fork of Little River 0.3 to 7.0 — Christian County
Into Little River — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

North Fork of Little River 7.0 to 10.9 — Christian County
Into Little River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

North Fork of Little River 10.9 to 16.2 — Christian County
Into Little River — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

The river miles for this segment have been changed to reflect the national Hydrography Data Set. This segment was formerly 10.9 to 16.1.

Pleasant Grove Creek 0.0 to 2.2 — Logan County
Into Red River of Cumberland River — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

See Chapter 4, Status of TMDLs under Development Prior to 2010 and Chapter 5, Segments Planned for Monitoring During 2010.

KDOW awarded $125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. Also in 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Red River 50.8 to 54.5 — Logan County
Into Cumberland River — Segment Length: 3.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

See Chapter 5, Segments Planned for Monitoring During 2010.

Red River 54.5 to 56.9 — Logan County
Into Cumberland River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture, Rural (Residential Areas)

See Chapter 5, Segments Planned for Monitoring During 2010.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Red River 57.0 to 65.8 — Logan County
Into Cumberland River — Segment Length: 8.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

See Chapter 6, Segments Planned for Monitoring During 2010.

KDOW awarded $125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. Also in 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Red River 65.8 to 74.3 — Logan County
Into Cumberland River (Lake Barkley) — Segment Length: 8.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/destabilization

See Chapter 5, Segments Planned for Monitoring During 2010.

KDOW awarded $125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. In 2006, the Kentucky Watershed Steering Committee selected Pleasant Grove Creek as one of five Focused Watersheds in the state to target multi-agency watershed restoration efforts. Also in 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Red River 74.3 to 81.3 — Simpson County
Into Cumberland River — Segment Length: 7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

See Chapter 5, Segments Planned for Monitoring During 2010.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Sinking Fork 2.2 to 5.6 — Trigg County
Into Little River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Sinking Fork 13.6 to 16.8 — Christian County
Into Little River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Sinking Fork 31.0 to 32.7 — Christian County
Into Little River — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Skinframe Creek 0.0 to 4.8 — Lyon County
Into Livingston Creek — Segment Length: 4.8
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Skinner Creek 0.0 to 5.8 — Trigg County
Into Casey Creek — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

South Fork of Little River 0.0 to 10.3 — Christian County
Into Little River — Segment Length: 10.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Other; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

South Fork of Little River 10.3 to 20.3 — Christian County
Into Little River — Segment Length: 10
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Other; Sedimentation/Siltation
Suspected Sources: Agriculture

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

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.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

South Fork of Little River 21.3 to 26.1 — Christian County
Into Little River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Spring Creek 3.0 to 3.5 — Lyon County
Into Livingston Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Loss of Riparian Habitat

Sugar Creek 1.0 to 1.4 — Christian County
Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

Upper Branch 0.0 to 2.8 — Christian County
Into North Fork of Little River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded $505,107 Section 319(h) Grant funds for efforts in the Little River watershed.

UT to Dry Creek 0.0 to 2.1 — Trigg County
Into Dry Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

UT to Little Whippoorwill Creek 0.1 to 0.6 — Logan County
Into Little Whippoorwill Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 5, Segments Planned for Monitoring During 2010.

West Fork Red River 14.2 to 26.4 — Christian County
Into Red River of Cumberland River — Segment Length: 12.2
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Rural (Residential Areas)

11.2 Lower Cumberland River Basin Lakes

Hematite Lake — Trigg County
Into Long Creek (Lake Barkley) — Acres: 85
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Source Unknown

11.3 Mississippi River Basin Streams

Bayou de Chien 0.0 to 4.2 — Fulton County
Into Obion Creek — Segment Length: 4.2
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

KDOW awarded $59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Bayou de Chien 8.8 to 14.3 — Fulton County
Into Obion Creek — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Iron; Lead
Suspected Sources: Municipal Point Source Discharges; Source Unknown

KDOW awarded $59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Brush Creek 0.0 to 6.3 — Hickman County
Into Obion Creek — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Brush Creek 0.0 to 8.4 — Graves County
Into Obion Creek — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Dredging (E.g., for Navigation Channels)

Caldwell Creek 0.0 to 3.0 — Graves County
Into Terrapin Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Cane Creek 0.0 to 5.3 — Hickman County
Into Bayou de Chien — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

This Outstanding State Resource Water (OSRW) segment contains a federally threatened and endangered species.

KDOW awarded $59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed.

Cane Creek 0.3 to 4.1 — Ballard County
Into Shawnee Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Cane Creek 0.0 to 4.4 — Hickman County
Into Obion Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production

Gilbert Creek 1.7 to 3.5 — Graves County
Into Mayfield Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Goose Creek 0.0 to 4.4 — Graves County
Into Wilson Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat

Hazel Creek 0.0 to 3.7 — Ballard County
Into Wetland Ponds/Axe Lake — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Hurricane Creek 0.0 to 3.7 — Carlisle County
Into Obion Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-irrigated Crop Production

Key Creek 0.0 to 1.9 — Graves County
Into Mayfield Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Knob Creek 1.3 to 3.0 — Graves County
Into Blackmore Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Lick Creek 0.0 to 2.2 — Carlisle County
Into Heflin Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oil and Grease
Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

Little Bayou de Chien 0.0 to 1.3 — Hickman County
Into Bayou de Chien — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

Little Bayou de Chein 10.0 to 12.3 — Fulton County
Into Bayou de Chien — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Little Creek 0.0 to 5.3 — Hickman County
Into Obion Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Little Cypress Creek 0.0 to 2.0 — Graves County
Into Obion Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Little Cypress Creek 0.0 to 3.6 — Hickman County
Into Cypress Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production

Little Mayfield Creek 0.0 to 10.6 — Graves County
Into Mayfield Creek — Segment Length: 10.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas)

Little Mud Creek 0.0 to 1.95 — Fulton County
Into Bayou de Chien — Segment Length: 1.95
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Mayfield Creek 2.2 to 5.5 — Carlisle County
Into Mississippi River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Mayfield Creek 11.1 to 16.5 — Carlisle County
Into Mississippi River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Copper; Escherichia coli; Iron; Lead; Nutrient/Eutrophication Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Mayfield Creek 16.5 to 36.1 — McCracken County
Into Mississippi River — Segment Length: 19.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect additional upstream monitoring. This segment was formerly 20.4 to 36.1.

Mayfield Creek 36.1 to 38.2 — Graves County
Into Mississippi River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization

Mayfield Creek 38.2 to 40.8 — Graves County
Into Mississippi River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Copper; Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Source Unknown

Mayfield Creek 40.8 to 43.7 — Graves County
Into Mississippi River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat

Mayfield Creek 59.6 to 62.3 — Calloway County
Into Mississippi River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

Mud Creek 0.0 to 7.8 — Fulton County
Into Bayou de Chien — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Obion Creek 0.0 to 16.2 — Fulton County
Into Bayou de Chien — Segment Length: 16.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Copper; Escherichia coli; Iron; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.5.

Obion Creek 31.9 to 35.2 — Hickman County
Into Bayou de Chien — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Upstream/Dowstream Source

KDOW awarded $234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional $65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife.

Obion Creek 39.65 to 43.1 — Hickman County
Into Mississippi River — Segment Length: 3.45
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Channelization; Source Unknown

KDOW awarded $234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional $65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife.

In 2009, KDOW awarded $131,172 of Section 319(h) Grant (FFY 2005) funds to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of natural stream flow conditions of Little Joe Creek, a tributary of Obion Creek. An additional $506,375.80 has been provided by Fees-In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife, and $102,000 by the Kentucky Transportation Cabinet through TEA funds to restore stream channel dimensions, flow patterns and profile to those of natural flow conditions of 9,000 feet of Obion Creek.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 40.8 to 44.2.

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Obion Creek 43.1 to 48.6 — Hickman County
Into Bayou de Chien — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 44.2 to 49.8.

Obion Creek 48.6 to 54.4 — Graves County
Into Mississippi River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Agriculture; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 49.8 to 55.7.

Opossum Creek 0.0 to 2.3 — Graves County
Into Obion Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization

Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 — Carlisle County
Into Mayfield Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

Running Slough 0.0 to 16.2 — Fulton County
Into Obion Creek — Segment Length: 16.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Crop Production (Crop Land or Dry Land)

Shawnee Creek 3.2 to 12.4 — Ballard County
Into Mississippi River — Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

Shawnee Creek Slough 0.0 to 3.7 — Ballard County
Into Twin Lake — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron; Lead; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources; Source Unknown

The iron impairment is associated with siltation.

South Fork of Bayou de Chien 0.0 to 2.0 — Graves County
Into Bayou de Chien — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat

South Fork Bayou de Chien 2.0 to 7.4 — Graves County
Into Bayou de Chien — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

This OSRW segment contains a federally threatened and endangered species.

Sugar Creek 0.0 to 1.3 — Ballard County
Into Mayfield Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Terrapin Creek 2.7 to 6.0 — Graves County
Into North Fork of Obion River (TN) — Segment Length: 3.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Truman Creek 3.2 to 4.1 — Carlisle County
Into Mayfield Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

UT to Brush Creek 0.0 to 1.9 — Hickman County
Into Brush Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Mayfield Creek 0.0 to 1.0 — McCracken County
Into Mayfield Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

UT to Mayfield Creek 1.1 to 3.5 — Graves County
Into Mayfield Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

UT to Mud Creek 0.0 to 2.2 — Fulton County
Into Mud Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Obion Creek 1.6 to 2.2 — Hickman County
Into Obion Creek — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Wilson Creek 0.0 to 2.1 — Carlisle County
Into Mayfield Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron
Suspected Sources: Agriculture; Source Unknown

11.4 Ohio River Basin Streams

Bayou Creek 0.5 to 11.9 — McCracken County
Into Ohio River — Segment Length: 11.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Beta particles and photon emitters; Copper; Gross Alpha; Lead; Mercury; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge; Non-irrigated Crop Production

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

Clanton Creek 0.0 to 4.9 — Ballard County
Into Humphrey Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Humphrey Creek 0.0 to 3.7 — Ballard County
Into Ohio River — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Humphrey Creek 3.7 to 11.6 — Ballard County
Into Ohio River — Segment Length: 7.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Little Bayou Creek 0.0 to 7.2 — McCracken County
Into Bayou Creek — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Beta particles and photon emitters; Cause Unknown; Copper; Gross Alpha; Lead
Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

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

Tennessee-Mississippi-Cumberland Basin Unit
Ohio River Basin
Streams

Massac Creek 4.1 to 4.7 — McCracken County
Into Ohio River — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Middle Fork of Massac Creek 0.0 to 6.4 — McCracken County
Into Massac Creek — Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Newtons Creek 0.3 to 8.2 — McCracken County
Into Ohio River — Segment Length: 7.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

Shawnee Creek 0.0 to 3.2 — Ballard County
Into Shawnee Creek Slough — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Natural Sources; Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Unit
Ohio River Basin
Lakes

11.5 Ohio River Basin Lakes

Fish Lake		Ballard County
Into Ohio River		Acres: 27
Impaired Use(s):	Fish Consumption (Partial Support)	
Pollutant(s):	Mercury in Fish Tissue	
Suspected Sources:	Source Unknown	

Metropolis Lake		McCracken County
Into Ohio River		Acres: 36
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved	
Suspected Sources:	Internal Nutrient Recycling; Non-Irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin	

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

11.6 Tennessee River Basin Streams

Angle Creek 0.0 to 0.8 — Marshall County
Into Barrett Branch — Segment Length: 0.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

Bear Creek 4.0 to 7.2 — Marshall County
Into Tennessee River (Kentucky Lake) — Segment Length: 3.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Bee Creek 0.0 to 0.7 — Calloway County
Into East Fork of Clarks River — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Municipal Point Source Discharges; Source Unknown

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY 2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY 2007) to implement restoration actions identified in the Plan. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Bee Creek 0.7 to 2.0 — Calloway County
Into East Fork of Clarks River — Segment Length: 1.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY 2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY 2007) to implement restoration actions identified in the Plan. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Blizzard Pond Drainage Canal 0.0 to 3.7 — McCracken County
Into West Fork of Clarks River — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas), Sand/Gravel/Rock Mining or Quarries; Source Unknown

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

Camp Creek 0.0 to 5.4 — McCracken County
Into West Fork of Clarks River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform; Other
Suspected Sources: Source Unknown

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

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Champion Creek 0.0 to 1.5 — McCracken County
Into Island Creek — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Site Clearance (Land Development or Redevelopment)

Chestnut Creek 0.0 to 3.0 — Marshall County
Into Clarks River — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform; Other
Suspected Sources: Source Unknown

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Clarks River 5.0 to 13.2 — McCracken County
Into Tennessee River — Segment Length: 8.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Clarks River 13.2 to 20.6 — McCracken County
Into Tennessee River — Segment Length: 7.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Iron; Lead
Suspected Sources: Source Unknown

Clarks River 34.8 to 42.6 — Marshall County
Into Tennessee River — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/destabilization

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Clarks River 50.9 to 55.6 — Calloway County
Into Tennessee River — Segment Length: 4.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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

Clarks River 55.6 to 64.7 — Calloway County
Into Tennessee River — Segment Length: 9.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment of Clarks River is located just downstream of an area that was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Clarks River 64.7 to 66.8 — Calloway County
Into Tennessee River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Source Unknown

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment of Clarks River is just downstream of the restoration activities.

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Clayton Creek 0.75 to 3.3 — Calloway County
Into Clarks River — Segment Length: 2.55
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Phosphorus (Total)
Suspected Sources: Agriculture; Source Unknown

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. In 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Clayton Creek 3.3 to 7.7 — Calloway County
Into Clarks River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Rural (Residential Areas); Source Unknown

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. In 2009, KDOW awarded $303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Clear Creek 0.7 to 3.1 — Marshall County
Into Jonathan Creek (Kentucky Lake) — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Cypress Creek 0.1 to 6.3 — Marshall County
Into Tennessee River — Segment Length: 6.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Iron
Suspected Sources: Municipal Point Source Discharges; Source Unknown; Urban Runoff/Storm Sewers

Cypress Creek 6.3 to 7.7 — Marshall County
Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Cypress Creek 7.7 to 9.7 — Marshall County
Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Damon Creek 0.0 to 1.8 — Calloway County
Into West Fork of Clarks River — Segment Length: 1.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Animal Feeding Operations (NPS)

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

Duncan Creek 0.0 to 2.5 — Marshall County
Into West Fork of Clarks River — Segment Length: 2.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Farley Branch 0.0 to 2.2 — Calloway County
Into Middle Fork of Clarks River — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan

Guess Creek 0.0 to 2.6 — Livingston County
Into Tennessee River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Haskell Branch 1.2 to 4.5 — Graves County
Into Spring Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

Island Creek 0.0 to 5.6 — McCracken County
Into Tennessee River — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

Island Creek 5.6 to 10.3 — McCracken County
Into Tennessee River — Segment Length: 4.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Jonathan Creek 7.4 to 10.9 — Calloway County
Into Tennessee River (Kentucky Lake) — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

KDOW awarded $132,300 Section 319(h) Grant funds (FFY2000) to the Jackson Purchase RC&D, Inc. to design, install and demonstrate a decentralized wastewater treatment system for over 170 homes in the community of Pirates Cove in the Jonathan Creek watershed.

Little Cypress Creek 0.0 to 3.4 — Marshall County
Into Cypress Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

Little Cypress Creek 3.4 to 6.0 — Marshall County
Into Cypress Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Middle Fork Creek 0.2 to 6.0 — Marshall County
Into Clarks River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

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

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Middle Fork of Clarks River 0.0 to 2.7 — Calloway County
Into Clarks River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan.

Middle Fork of Clarks River 2.7 to 4.8 — Calloway County
Into Clarks River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture

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

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan.

Panther Creek 0.0 to 3.0 — Graves County
Into West Fork of Clarks River — Segment Length: 3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Reeves Branch 0.0 to 0.3 — Marshall County
Into Sugar Creek — Segment Length: 0.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

Spring Creek 0.0 to 2.0 — Graves County
Into West Fork of Clarks River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization

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

Spring Creek 3.6 to 5.4 — Graves County
Into West Fork of Clarks River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

Turkey Creek 0.0 to 3.4 — Graves County
Into Spring Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

UT to Clarks River 0.0 to 3.3 — Calloway County
Into Clarks River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/St

KDOW awarded $108,300 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Upper Clarks River watershed and $436,970 (FFY2007) to implement restoration actions identified in the Plan.

UT to Old Beaver Dam Slough 0.0 to 0.5 — Marshall County
Into Old Beaver Dam Slough — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8 Calloway County
Into Tennessee River (Kentucky Lake) Segment Length: 0.65
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Off-road Vehicles; Silviculture Harvesting

West Fork of Clarks River 0.0 to 10.4 McCracken County
Into West Fork of Clarks River Segment Length: 10.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Lead
Suspected Sources: Agriculture; Source Unknown; Urban Runoff/Storm Sewers

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

West Fork of Clarks River 13.1 to 17.2 Graves County
Into Clarks River Segment Length: 4.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

West Fork of Clarks River 20.1 to 28.4 Marshall County
Into Clarks River Segment Length: 8.3
Impaired Use(s): Primary Contact Recreation Water (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Fecal Coliform; Methylmercury
Suspected Sources: Source Unknown

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

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

West Fork of Clarks River (Relict Channel) 19.7 to 22.7 Marshall County
Into West Fork Clarks River Ditch Segment Length: 3
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

11.7 Upper Cumberland River Basin Streams

Acorn Fork 0.0 to 1.9 — Knox County
Into Stinking Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/natural Gas Activities

Bark Camp Creek 0.1 to 3.8 — Whitley County
Into South Fork of Cumberland River — Segment Length: 3.7
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Source Unknown

Bear Creek 0.0 to 3.3 — McCreary County
Into South Fork of Cumberland River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

KDOW awarded $280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop a Watershed Plan for Bear Creek and other subwatersheds in the South Fork Cumberland River watershed.

Beaver Creek 16.2 to 16.6 — Wayne County
Into Cumberland River — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Source Unknown

Beaver Creek 16.6 to 34.5 — Wayne County
Into Cumberland River — Segment Length: 17.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Petroleum/natural Gas Activities

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Becks Creek 0.0 to 4.0 — Whitley County
Into Jellico Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; pH; Sedimentation/Siltation
Suspected Sources: Surface Mining

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

BeeLick Creek 7.5 to 10.9 — Lincoln County
Into Brushy Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Sedimentation/Siltation
Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

KDOW awarded $330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed

Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 — Bell County
Into Yellow Creek Bypass — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Bens Fork 0.0 to 2.2 — Bell County
Into Little Clear Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

Big Indian Creek 0.0 to 5.6 — Knox County
Into Cumberland River — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Big Renox Creek 0.0 to 5.8 — Cumberland County
Into Cumberland River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Board Branch 0.5 to 1.8 — Harlan County
Into Martins Fork Reservoir — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Briary Creek 0.0 to 4.4 — Pulaski County
Into Buck Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Recreational Pollution Sources

KDOW awarded $330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed

Brush Creek 0.0 to 3.5 — Knox County
Into Cumberland River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/destabilization; Surface Mining

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Buck Creek 45.6 to 53.0 — Pulaski County
Into Lake Cumberland — Segment Length: 7.4
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

This OSRW segment contains a federally threatened and endangered species.
KDOW awarded $330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Bull Run 0.0 to 3.7 — Knox County
Into Cumberland River — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates
Suspected Sources: Channelization; Legacy coal extraction; Loss of Riparian Habitat

Cane Creek 0.0 to 4.4 — Whitley County
Into Clear Fork of Cumberland River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

Cannon Creek 0.0 to 1.8 — Bell County
Into Yellow Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Loss of Riparian Habitat

Clear Fork 17.0 to 19.4 — Whitley County
Into Cumberland River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Surface Mining

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Clover Fork 9.2 to 15.5 — Harlan County
Into Cumberland River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown; Surface Mining

Clover Fork 15.5 to 18.2 — Harlan County
Into Cumberland River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Sewage Discharges in Unsewered Areas; Silviculture Activities; Surface Mining

Clover Fork 18.2 to 28.2 — Harlan County
Into Cumberland River — Segment Length: 10
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown; Surface Mining

Clover Fork 28.2 to 28.9 — Harlan County
Into Cumberland River — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Coal Mining

Clover Fork 28.9 to 33.8 — Harlan County
Into Cumberland River — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown; Surface Mining

Cloverlick Creek 0.0 to 5.0 — Harlan County
Into Poor Fork of Cumberland River — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Colliers Creek 0 .0 to 4.1 — Letcher County
Into Poor Fork of Cumberland River — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Surface Mining

Craig Creek 5.8 to 6.8 — Laurel County
Into Laurel River Reservoir — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/destabilization

Crane Creek 1.4 to 2.0 — Harlan County
Into Martins Fork of Cumberland River — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Cranks Creek 1.6 to 2.4 — Harlan County
Into Martins Fork of Cumberland River — Segment Length: 0.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Crocus Creek 4.9 to 14.0 — Cumberland County
Into Cumberland River — Segment Length: 9.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Mine Tailings; Source Unknown

Crocus Creek 14.0 to 17.15 — Adair County
Into Cumberland River — Segment Length: 3.15
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Cumberland River 554.65 to 569.4 — Whitley County
Into Ohio River — Segment Length: 14.75
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Cumberland River 569.4 to 575.1 — Whitley County
Into Ohio River — Segment Length: 5.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Cumberland River 660.1 to 666.8 — Harlan County
Into Ohio River — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Iron
Suspected Sources: Source Unknown

The iron impairment is associated with siltation.

Cumberland River 671.9 to 682.3 — Harlan County
Into Ohio River — Segment Length: 10.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

East Fork of Lynn Camp Creek 0.0 to 4.5 — Knox County
Into Lynn Camp Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment)

Elk Spring Creek 0.0 to 7.8 — Wayne County
Into Beaver Creek — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Ewing Creek 0.1 to 2.9 — Harlan County
Into Cumberland River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

Ferris Fork Creek 0.0 to 1.2 — Cumberland County
Into Marrowbone Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat

Gilmore Creek 0.0 to 5.9 — Lincoln County
Into Buck Creek — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization

Goodin Creek 2.1 to 2.6 — Knox County
Into Cumberland River — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Harris Branch 0.25 to 0.6 — Harlan County
Into Martins Fork Reservoir — Segment Length: 0.35
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Hatchell Branch 0.0 to 1.0 — McCreary County
Into Eagle Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Activities

Hazel Patch Creek 0.0 to 1.8 — Laurel County
Into Little Rockcastle River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Indian Creek 0.0 to 4.2 — Pulaski County
Into Buck Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredge Mining

KDOW awarded $330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Indian Creek 0.0 to 4.5 — Jackson County
Into Middle Fork of Rockcastle River — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

Jennys Branch 0.0 to 6.0 — McCreary County
Into Laurel Fork of Marsh Creek — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Harvesting; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

This OSRW segment contains a federally threatened and endangered species.

Kilburn Fork 0.9 to 6.2 — McCreary County
Into Indian Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Laurel Creek 3.65 to 5.1 — McCreary County
Into Marsh Creek — Segment Length: 1.45
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Laurel Fork of Clear Fork 4.25 to 10.3 — Whitley County
Into Clear Fork of Cumberland River — Segment Length: 6.05
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Activities

Laurel Fork of Clear Fork 10.3 to 13.8 — Whitley County
Into Clear Fork of Cumberland River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Woodlot Site Clearance

This OSRW segment contains a federally threatened and endangered species.

Laurel River 0.9 to 2.2 — Laurel County
Into Lake Cumberland — Segment Length: 1.3
Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport)
Pollutant(s): Temperature, water
Suspected Sources: Dam or Impoundment; Upstream Source

Laurel River 23.7 to 24.9 — Laurel County
Into Lake Cumberland — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Laurel River 26.3 to 33.7 — Laurel County
Into Lake Cumberland — Segment Length: 7.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Iron
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Laurel River 33.7 to 39.8 — Laurel County
Into Lake Cumberland — Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Legacy coal extraction; Rural (Residential Areas)

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Left Fork of Straight Creek 0.0 to 13.1 — Bell County
Into Straight Creek — Segment Length: 13.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity
Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land); Surface Mining; Upstream Source

Lewis Creek 0.0 to 3.5 — Cumberland County
Into Cumberland River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area)

Lick Fork 0.0 to 1.3 — Harlan County
Into Fugitt Creek — Segment Length: 1.3
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Surface Mining

Line Creek 2.3 to 5.5 — Pulaski County
Into Rockcastle River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Little Clear Creek 0.0 to 10.9 — Bell County
Into Clear Creek of Cumberland River — Segment Length: 10.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Legacy coal extraction

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

Little Laurel River 0.0 to 8.4 — Laurel County
Into Lake Cumberland — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal (Urbanized High Density Area); Non-Point Source; Source Unknown; Upstream Source

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Little Laurel River 8.4 to 12.7 — Laurel County
Into Laurel River — Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges; Site Clearance (Land Development or Redevelopment)

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Little Laurel River 12.7 to 14.8 — Laurel County
Into Laurel River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Little Laurel River 14.8 to 23.0 — Laurel County
Into Laurel River — Segment Length: 8.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations)

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Little Poplar Creek 0.0 to 2.8 — Knox County
Into Cumberland River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Little Poplar Creek 3.1 to 4.4 — Knox County
Into Cumberland River — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Legacy coal extraction; Loss of Riparian Habitat; Rural (Residential Areas)

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Little Raccoon Creek 0.0 to 7.7 — Laurel County
Into South Fork of Rockcastle River — Segment Length: 7.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Iron; Manganese; pH; Total Dissolved Solids
Suspected Sources: Legacy coal extraction

Little South Fork 0.0 to 4.4 — Wayne County
Into Big South Fork Cumberland River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Coal Mining (Subsurface); Surface Mining

Since November 1975, *Phoxinus cumberlandensis* (blackside dace) have been extirpated from this stream segment.

Lynn Camp Creek 0.04 to 3.45 — Laurel County
Into Lake Cumberland — Segment Length: 3.41
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Oil and Grease; Organic Enrichment (Sewage) Biological Indicators; Total Suspended Solids (TSS)
Suspected Sources: Habitat Modification - other than Hydromodification; Municipal Point Source Discharges; Other Spill Related Impacts; Package Plant or Other Permitted Small Flows Discharges; Source Unknown; Urban Runoff/Storm Sewers

Lynn Camp Creek 4.5 to 10.5 — Whitley County
Into Laurel River — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Marrowbone Creek 0.0 to 2.8 — Cumberland County
Into Cumberland River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Marsh Creek 13.5 to 16.5 — McCreary County
Into Cumberland River — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Activities

This OSRW segment contains a federally threatened and endangered species.

Marsh Creek 19.0 to 24.1 — McCreary County
Into Cumberland River — Segment Length: 5.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Coal Mining

This OSRW segment contains a federally threatened and endangered species.

Martins Fork 11.8 to 17.45 — Harlan County
Into Clover Fork of Cumberland River — Segment Length: 5.65
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Temperature, water
Suspected Sources: Dam or Impoundment; Source Unknown; Upstream Source

Martins Fork 19.4 to 28.85 — Harlan County
Into Clover Fork of Cumberland River — Segment Length: 9.45
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Meadow Creek 0.0 to 7.4 — Knox County
Into Cumberland River — Segment Length: 7.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Middle Fork of Beaver Creek 0.0 to 2.3 — McCreary County
Into Beaver Creek — Segment Length: 2.3
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Middle Fork of Richland Creek 0.0 to 1.2 — Knox County
Into Richland Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): 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 — Laurel County
Into Sinking Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

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

Mud Creek of Clear Fork 0.0 to 5.2 — Whitley County
Into Clear Fork of Cumberland River — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Pitman Creek 4.8 to 5.95 — Pulaski County
Into Lake Cumberland — Segment Length: 1.15
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Municipal Point Source Discharges

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Pond Creek 0.0 to 6.3 — Jackson County
Into South Fork of Rockcastle River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source Discharges

Poor Fork of Cumberland River 14.9 to 16.3 — Harlan County
Into Cumberland River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Rural (Residential Areas); Site Clearance (Land Development or Redevelopment)

Powder Mill Creek 0.0 to 4.9 — Laurel County
Into Sinking Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Non-Point Source

Raccoon Creek 0.0 to 2.7 — Laurel County
Into South Fork of Rockcastle River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access

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

Raleigh Fork 0.0 to 1.1 — Letcher County
Into South Fork of Colliers Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Renfro Creek 0.0 to 3.1 — Rockcastle County
Into Roundstone Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Silviculture Activities; Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers

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

KDOW awarded $282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

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

Richland Creek 0.0 to 6.3 — Knox County
Into Cumberland River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Coal Mining; Legacy coal extraction; Urban Runoff/Storm Sewers

Roaring Paunch Creek 7.8 to 15.6 — McCreary County
Into South Fork of Cumberland River — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH
Suspected Sources: Acid Mine Drainage; Legacy coal extraction

KDOW awarded $280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop a Watershed Plan for Roaring Paunch Creek and other subwatersheds in the South Fork Cumberland River watershed

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Rock Creek 0.0 to 4.3 McCreary County
Into South Fork of Cumberland River Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded $200,000 (FFY1999), $460,930 (FFY2000), and $505,320 (FFY2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. (The FFY2000 Grant was divided between Rock and Back Creeks; Back Creek is a tributary of Clear Fork in the Upper Cumberland River Basin.) The Kentucky Division of Abandoned Mine Lands also allocated $628,925 (2001) and $678,924 (2005) in federal AML funds for reclamation projects in the Rock Creek watershed.

Rock Creek 16.5 to 21.5 McCreary County
Into South Fork of Cumberland River Segment Length: 5
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

Roundstone Creek 0.0 to 10.9 Rockcastle County
Into Rockcastle River Segment Length: 10.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

KDOW awarded $282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Roundstone Creek 17.1 to 23.9 — Rockcastle County
Into Rockcastle River — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

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

This OSRW segment contains a federally threatened and endangered species.

KDOW awarded $282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

Ryans Creek 0.0 to 5.3 — McCreary County
Into Jellico Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Surface Mining

Sam Branch 0.0 to 0.5 — Pulaski County
Into Fishing Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

Sims Fork 0.0 to 5.2 — Bell County
Into Left Fork of Straight Creek — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Source Unknown; Surface Mining

Sinking Creek 13.35 to 17.65 — Laurel County
Into Rockcastle River — Segment Length: 4.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Non-Point Source; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Skegg Creek 0.0 to 3.3 — Rockcastle County
Into Rockcastle River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Source Unknown

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

South Fork of Colliers Creek 0.0 to 1.9 — Letcher County
Into Colliers Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Legacy coal extraction

South Fork of Rockcastle River 21.2 to 29.1 — Laurel County
Into Rockcastle River — Segment Length: 7.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/destabilization; Surface Mining

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

Stevenson Branch 0.0 to 1.9 — Bell County
Into Yellow Creek Bypass — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Harvesting; Surface Mining

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Stinking Creek 0.0 to 2.1 — Knox County
Into Cumberland River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Oil and Grease; pH; Sedimentation/Siltation
Suspected Sources: Channelization; Impacts from Abandoned Mine Lands (Inactive); Non-irrigated Crop Production; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Source Unknown; Surface Mining

KDOW awarded $63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Stinking Creek 11.3 to 17.6 — Knox County
Into Cumberland River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/natural Gas Activities

KDOW awarded $63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

The river miles for this segment have been changed to reflect additional downstream monitoring. This segment was formerly 11.3 to 12.4.

Stoney Fork 0.0 to 2.3 — Bell County
Into Straight Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/destabilization; Surface Mining; Woodlot Site Clearance

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Stony Fork 0.0 to 5.3 — Bell County
Into Bennetts Fork of Yellow Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization; Woodlot Site Clearance

Straight Creek 1.7 to 23.3 — Bell County
Into Cumberland River — Segment Length: 21.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining

Sugar Camp Branch 0.0 to 1.4 — Pulaski County
Into Lacey Fork — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH
Suspected Sources: Source Unknown

UT to Acorn Fork 0.0 to 0.25 — Knox County
Into Acorn Fork of Stinking Creek — Segment Length: 0.25
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/natural Gas Activities

KDOW awarded $63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

UT to Helton Branch 0.0 to 0.4 — Knox County
Into Helton Branch — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Golf Courses; Legacy coal extraction; Loss of Riparian Habitat

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

UT to Jennys Branch 0.0 to 1.3 — McCreary County
Into Jennys Branch of Laurel Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Post-development Erosion and Sedimentation; Rural (Residential Areas); Source Unknown

UT to Little Laurel River 0.0 to 1.4 — Laurel County
Into Little Laurel River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

UT to UT to Acorn Fork 0.0 to 0.2 — Knox County
Into UT to Acorn Fork — Segment Length: 0.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/natural Gas Activities

KDOW awarded $63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

UT to UT to Acorn Fork 0.0 to 0.55 — Knox County
Into UT to Acorn Fork — Segment Length: 0.55
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/natural Gas Activities

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Wallins Creek 0.0 to 4.2 — Harlan County
Into Cumberland River — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Coal Mining; Erosion from Derelict Land (Barren Land)

White Oak Creek 0.0 to 1.0 — Laurel County
Into Sinking Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity
Suspected Sources: Agriculture

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

White Oak Creek 0.0 to 4.2 — McCreary County
Into Rock Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron
Suspected Sources: Coal Mining

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded $200,000 (FFY1999), $460,930 (FFY2000), and $505,320 (FFY2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. (The FFY2000 Grant was divided between Rock and Back Creeks; Back Creek is a tributary of Clear Fork in the Upper Cumberland River Basin.) The Kentucky Division of Abandoned Mine Lands also allocated $628,925 (2001) and $678,924 (2005) in federal AML funds for reclamation projects in the Rock Creek watershed.

White Oak Creek 7.1 to 11.2 — Pulaski County
Into Lake Cumberland — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Whitley Branch 1.1 to 2.6 — Laurel County
Into Little Laurel River — Segment Length: 1.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

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

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Wolf Creek 0.0 to 1.8 — Whitley County
Into Clear Fork of Cumberland River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Surface Mining

Wood Creek 0.0 to 1.95 — Laurel County
Into Little Rockcastle River — Segment Length: 1.95
Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Yellow Creek 0.0 to 6.7 — Bell County
Into Cumberland River — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Surface Mining; Unspecified Domestic Waste; Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Lakes

11.8 Upper Cumberland Basin Lakes

Corbin City Reservoir		Laurel County
Into Laurel River		Acres: 139
Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Domestic Water Supply (Nonsupport)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges	

KDOW awarded $108,989 Section 319(h) Grant funds (FFY2004) to Third Rock Consultants to develop a Watershed Plan for the Corbin City Reservoir/Laurel River watershed (completed May, 2007) and $312,568 (FFY2007) to implement restoration actions identified in the Plan.

Lake Cumberland		Russell County
Into Ohio River		Acres: 50250
Impaired Use(s):	Fish Consumption (Partial Support)	
Pollutant(s):	Methylmercury	
Suspected Sources:	Atmospheric Deposition - Toxics	

Green-Tradewater Basin Unit
Green River Basin
Streams

Chapter 12. Green-Tradewater Basin Unit 303(d) List

12.1 Green River Basin Streams

Adams Fork 0.0 to 4.6 — Ohio County
Into Rough River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Austin Creek 2.6 to 3.6 — Logan County
Into Mud River — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Industrial Point Source Discharge

Bacon Creek 0.2 to 17.2 — Hart County
Into Nolin River (Reservoir) — Segment Length: 17
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

KDOW awarded $86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Bacon Creek 17.2 to 27.1 — Hart County
Into Nolin River (Reservoir) — Segment Length: 9.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

KDOW awarded $86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Green-Tradewater Basin Unit
Green River Basin
Streams

Bacon Creek 27.1 to 32.6 — Hart County
Into Nolin River — Segment Length: 5.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

KDOW awarded $86,946 Section 319(h) Grant funds (FFY2005) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan to address fecal coliform and siltation in the Bacon Creek watershed.

Barren River 104.9 to 119.4 — Allen County
Into Green River — Segment Length: 14.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Bat East Creek 0.0 to 3.3 — Muhlenberg County
Into Pond Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Bat East Creek 3.4 to 7.5 — Muhlenberg County
Into Pond Creek — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Total Dissolved Solids
Suspected Sources: Agriculture; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Bays Fork of Barren River 6.2 to 15.5 — Allen County
Into Barren River — Segment Length: 9.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source Discharges

Green-Tradewater Basin Unit
Green River Basin
Streams

Bear Creek 14.7 to 22.4 — Edmonson County
Into Green River — Segment Length: 7.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Bear Creek 22.4 to 30.6 — Grayson County
Into Green River — Segment Length: 8.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization

Beaver Creek 8.5 to 15.5 — Barren County
Into Skaggs Creek (Barren River Reservoir) — Segment Length: 7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Big Brush Creek 0.0 to 5.0 — Green County
Into Green River — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/destabilization

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Creek 3.9 to 9.2 — Adair County
Into Russell Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Green-Tradewater Basin Unit
Green River Basin
Streams

Big Pitman Creek 27.5 to 32.6 — Taylor County
Into Green River — Segment Length: 5.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/destabilization

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Reedy Creek 6.9 to 11.5 — Edmonson County
Into Green River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.2 to 12.4

Billy Creek 0.0 to 4.8 — Hardin County
Into Valley Creek — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Loss of Riparian Habitat; Managed Pasture Grazing; Site Clearance (Land Development or Redevelopment); Source Unknown; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Black Snake Branch 1.6 to 2.9 — Taylor County
Into Big Brush Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

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 — Casey County
Into Green River — Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles; Streambank Modifications/destabilization

Brush Fork 0.0 to 4.4 — McLean County
Into Long Falls Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

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

Buck Creek 0.0 to 8.0 — McLean County
Into Green River — Segment Length: 8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Buck Creek 1.9 to 8.1 — Christian County
Into Buck Fork of Pond River — Segment Length: 6.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Buck Fork 0.0 to 5.8 — Todd County
Into Pond River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization

Buck Fork 13.0 to 19.3 — Christian County
Into Pond River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Source Unknown

Burnett Fork 0.0 to 1.3 — Daviess County
Into North Fork of Panther Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrogen (Total); Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/destabilization

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

Butler Fork 2.3 to 4.0 — Adair County
Into Russell Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Green-Tradewater Basin Unit
Green River Basin
Streams

Calhoun Creek 0.0 to 2.8 — Casey County
Into Green River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing

Cane Run 0.0 to 3.7 — Daviess County
Into South Fork of Panther Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

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

Caney Creek 0.0 to 3.6 — Muhlenberg County
Into Pond Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 6, Segments Planned for Monitoring During 2011.

Caney Creek 3.6 to 7.6 — Muhlenberg County
Into Pond Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture

See Chapter 6, Segments Planned for Monitoring During 2011.

Caney Creek 1.4 to 5.3 — Muhlenberg County
Into Pond River — Segment Length: 3.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

Green-Tradewater Basin Unit
Green River Basin
Streams

Cash Creek 0.0 to 5.8 — Henderson County
Into Green River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Claylick Creek 2.4 to 3.4 — Warren County
Into Green River — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Habitat Modification - other than Hydromodification

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.

Claylick Creek 4.1 to 5.3 — Metcalfe County
Into South Fork of Little Barren River — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Cox's Run 0.0 to 3.4 — Hardin County
Into Nolin River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/destabilization

Green-Tradewater Basin Unit
Green River Basin
Streams

Craborchard Creek 0.0 to 3.4 — Hopkins County
Into Drakes Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Agriculture; Habitat Modification-other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

The river miles reported for this segment on the 2008 Integrated Report (0.0 to 4.6) were an error which has now been corrected.

Crooked Creek 0.0 to 3.0 — Daviess County
Into Panther Creek — Segment Length: 3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Cypress Creek 0.0 to 6.0 — McLean County
Into Pond River — Segment Length: 6
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Cypress Creek 23.1 to 26.5 — Muhlenberg County
Into Pond River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport
Pollutant(s): Cause Unknown; Escherichia coli
Suspected Sources: Source Unknown

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Cypress Creek 26.5 to 33.6 — Muhlenberg County
Into Pond River — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support);
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Non-Point Source; Surface Mining

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 26.5 to 33.3.

Daniels Creek 0.0 to 5.7 — Breckinridge County
Into Rock Lick Creek — Segment Length: 5.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Deer Creek 0.0 to 8.4 — Webster County
Into Green River — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Source Unknown

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

Deserter Creek 0.0 to 3.1 — Daviess County
Into South Fork of Panther Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Source Unknown

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

Dorsey Run 2.1 to 3.9 — Hardin County
Into Sinks (Nolin River) — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation

Green-Tradewater Basin Unit
Green River Basin
Streams

Drakes Creek 0.0 to 23.4 — Warren County
Into Barren River — Segment Length: 23.4
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Polychlorinated biphenyls
Suspected Sources: Industrial Point Source Discharge

Dry Creek 0.0 to 3.7 — Casey County
Into Casey Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

East Branch 0.0 to 1.3 — Christian County
Into West Fork of Pond River — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification

East Fork of Deer Creek 0.0 to 6.8 — Webster County
Into Deer Creek — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

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

East Fork of Little Barren River 20.7 to 30.0 — Metcalfe County
Into Little Barren River — Segment Length: 9.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

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.

East Prong of Indian Camp Creek 0.0 to 6.25 — Butler County
Into Indian Camp Creek — Segment Length: 6.25
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/destabilization

Green-Tradewater Basin Unit
Green River Basin
Streams

Eaton Branch 0.0 to 1.9 — Barren County
Into Nobob Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization

Elk Creek 0.0 to 5.4 — Hopkins County
Into Pond River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Elk Creek 7.6 to 10.6 — Hopkins County
Into Pond River — Segment Length: 3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Elk Pond Creek 0.0 to 4.5 — Muhlenberg County
Into Pond River — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Source Unknown

Flat Creek 0.0 to 10.9 — Hopkins County
Into Pond River — Segment Length: 10.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Oil and Grease; pH; Sedimentation/Siltation; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Acid Mine Drainage; Legacy coal extraction; Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Ford Ditch 0.0 to 3.3 — Daviess County
Into Rhodes Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total); Total Dissolved Solids
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

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

Gilles Ditch 0.0 to 5.4 — Daviess County
Into Rhodes Creek — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization

Glens Fork 0.0 to 7.1 — Adair County
Into Russell Creek — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing

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.

Grassy Creek 2.1 to 4.4 — Ohio County
Into Rough River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining

Green River 71.9 to 94.4 — Muhlenberg County
Into Ohio River — Segment Length: 22.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Streams

Green River 210.5 to 250.3 — Hart County
Into Ohio River — Segment Length: 39.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Green River 283.3 to 309.0 — Taylor County
Into Ohio River — Segment Length: 25.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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Groves Creek 0.0 to 6.4 — Webster County
Into Green River — Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Halls Creek 6.8 to 9.6 — Ohio County
Into Rough River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management

Havana Creek 0.0 to 1.9 — Webster County
Into Deer Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Indian Camp Creek 0.1 to 3.1 — Butler County
Into Green River — Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification – other than Hydromodification;

Indian Camp Creek 3.1 to 10.4 — Butler County
Into Green River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Loss of Riparian Habitat; Non-Point Source

Isaacs Creek 0.0 to 7.3 — Muhlenberg County
Into Pond River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation
Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)

Jarrels Creek 0.0 to 1.8 — Muhlenberg County
Into Pond River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Habitat Modification - other than Hydromodification; Source Unknown

Jarret Fork 0.0 to 1.1 — Grayson County
Into Caney Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., Pl-566 NRCS Structures)

Green-Tradewater Basin Unit
Green River Basin
Streams

Jenny Hollow Branch 0.0 to 2.4 — Ohio County
Into Horse Branch — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/destabilization

Joes Branch 0.0 to 4.4 — Daviess County
Into North Fork of Panther Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Joes Run 0.0 to 4.8 — Daviess County
Into North Fork of Panther Creek — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Knoblick Creek 0.0 to 2.1 — Daviess County
Into Panther Creek — Segment Length: 2.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Knoblick Creek 0.0 to 9.1 — Webster County
Into Deer Creek — Segment Length: 9.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Rangeland Grazing

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

Lewis Creek 0.0 to 11.8 — Ohio County
Into Green River — Segment Length: 11.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Surface Mining

Green-Tradewater Basin Unit
Green River Basin
Streams

Lick Creek 0.0 to 3.7 — Henderson County
Into Green River — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Lick Creek 5.0 to 13.8 — Henderson County
Into Green River — Segment Length: 8.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization

Lindy Creek 0.0 to 0.9 — Hart County
Into Lynn Camp Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Managed Pasture Grazing

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Little Beaverdam Creek 0.0 to 11.4 — Warren County
Into Green River — Segment Length: 11.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Little Cypress Creek 0.0 to 8.7 — Muhlenberg County
Into Cypress Creek — Segment Length: 8.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/natural Gas Production Activities (Permitted); Source Unknown; Surface Mining; Unspecified Urban Stormwater

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The 2008 Integrated Report listing for Little Cypress Creek from river mile 0.0 to 10.1 has been split into two segments, 0.0 to 8.7 and 8.7 to 10.1.

Little Cypress Creek 8.7 to 10.1 — Muhlenberg County
Into Cypress Creek — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/natural Gas Activities; Surface Mining; Unspecified Urban Stormwater

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

The 2008 Integrated Report listing for Little Cypress Creek from river mile 0.0 to 10.1 has been split into two segments, 0.0 to 8.7 and 8.7 to 10.1.

Little Muddy Creek 5.2 to 6.6 — Butler County
Into Green River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification

Little Muddy Creek 6.6 to 12.9 — Butler County
Into Green River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Long Creek 0.0 to 3.3 — Muhlenberg County
Into Pond River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/natural Gas Activities

Green-Tradewater Basin Unit
Green River Basin
Streams

Long Falls Creek 0.0 to 7.6 — McLean County
Into Green River — Segment Length: 7.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/natural Gas Production Activities (Permitted); Source Unknown; Surface Mining

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

Long Falls Creek 7.6 to 11.8 — McLean County
Into Green River — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; pH; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

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

Long Lick Creek 4.6 to 7.2 — Breckinridge County
Into Rough River (Reservoir) — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

McGrady Creek 0.0 to 1.9 — Ohio County
Into Caney Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Meeting Creek 5.2 to 14.0 — Hardin County
Into Rough River (Reservoir) — Segment Length: 8.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Green-Tradewater Basin Unit
Green River Basin
Streams

Middle Fork of Drakes Creek 0.0 to 7.8 — Warren County
Into Drakes Creek — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Loss of Riparian Habitat

Mill Creek 0.0 to 4.2 — Ohio County
Into Smith Creek — Segment Length: 4.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Mud River 0.0 to 9.1 — Muhlenberg County
Into Green River — Segment Length: 9.1
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

Mud River 9.1 to 30.9 — Muhlenberg County
Into Green River — Segment Length: 21.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Fish Consumption (Nonsupport)
Pollutant(s): Iron; Mercury in Fish Tissue; PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge; Source Unknown

Mud River 30.9 to 52.2 — Logan County
Into Green River — Segment Length: 21.3
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

Mud River 52.2 to 64.0 — Logan County
Into Green River — Segment Length: 11.8
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

Muddy Creek 0.0 to 5.0 — Ohio County
Into Caney Creek — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Green-Tradewater Basin Unit
Green River Basin
Streams

Muddy Creek 0.0 to 5.9 — Butler County
Into Green River — Segment Length: 5.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Muddy Creek 8.6 to 15.2 — Butler County
Into Green River — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

Muddy Creek 1.9 to 4.9 — Ohio County
Into Rough River — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture

Muddy Creek 5.8 to 9.1 — Ohio County
Into Rough River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Narge Creek 2.6 to 4.1 — Hopkins County
Into Pond River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

North Branch of South Fork of Panther Creek 0.0 to 4.2 — Hancock County
Into South Fork of Panther Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification

Green-Tradewater Basin Unit
Green River Basin
Streams

North Fork of Barnett Creek 0.0 to 2.3 — Ohio County
Into Barnett Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

North Fork of Nolin River 3.0 to 7.0 — Larue County
Into Nolin River (Reservoir) — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

North Fork of Panther Creek 0.0 to 4.2 — Daviess County
Into Panther Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

North Fork of Panther Creek 4.2 to 9.1 — Daviess County
Into Panther Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Source Unknown; Streambank Modifications/destabilization

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

North Fork Panther Creek 9.7 to 12.7 — Daviess County
Into Panther Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Old Panther Creek 0.4 to 5.7 — Daviess County
Into Panther Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Old Panther Creek 5.7 to 8.8 — Daviess County
Into Panther Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Otter Creek 0.0 to 6.3 — Hopkins County
Into Pond River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater

Panther Creek 0.1 to 3.0 — Daviess County
Into Green River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Iron; Sedimentation/Siltation; Turbidity
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown; Surface Mining; Unspecified Urban Stormwater

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

Panther Creek 3.0 to 5.9 — Daviess County
Into Green River — Segment Length: 2.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Panther Creek 17.9 to 20.4 — Daviess County
Into Green River — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Streambank Modifications/destabilization

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

Panther Creek 0.0 to 3.6 — Butler County
Into Green River — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization; Unrestricted Cattle Access

Pettys Fork 0.0 to 6.1 — Adair County
Into Russell Creek — Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Pigeon Creek 0.0 to 3.4 — Ohio County
Into Muddy Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Non-irrigated Crop Production

Green-Tradewater Basin Unit
Green River Basin
Streams

Pleasant Run 0.0 to 2.0 — Hopkins County
Into Drakes Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

The Division of Water awarded $756,286 (FFY2001) and $720,440 (FFY2005) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to develop a watershed plan (completed May, 2007), restore abandoned mine lands and remediate acid mine drainage in the watershed. (The FFY01 funds were divided between Pleasant Run and Fox Creek (a Tradewater River Basin tributary)). The Kentucky Division of Abandoned Mine Lands has allocated $136,678 (1999), $1,339,260 (2004) and $984,701 (2007) in federal AML funds for reclamation projects in the Pleasant Run watershed.

Plum Creek 0.0 to 1.7 — Muhlenberg County
Into Pond Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Total Dissolved Solids
Suspected Sources: Inappropriate Waste Disposal

Plum Creek 1.7 to 3.9 — Muhlenberg County
Into Pond Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Source Unknown

Pond Creek 4.8 to 7.6 — Muhlenberg County
Into Green River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Inappropriate Waste Disposal; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Streambank Modifications/destabilization; Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Green-Tradewater Basin Unit
Green River Basin
Streams

Pond Creek 7.6 to 11.7 — Muhlenberg County
Into Green River — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Chloride; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Inappropriate Waste Disposal; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Streambank Modifications/destabilization; Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 11.7 to 14.4 — Muhlenberg County
Into Green River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Coal Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 14.4 to 18.1 — Muhlenberg County
Into Green River — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

Pond Creek 18.1 to 22.1 — Muhlenberg County
Into Green River — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining; Unrestricted Cattle Access

See Chapter 6, Segments Planned for Monitoring During 2011.

Green-Tradewater Basin Unit
Green River Basin
Streams

Pond Drain 0.0 to 2.3 — McLean County
Into Cypress Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Pond River 1.0 to 20.8 — Hopkins County
Into Green River — Segment Length: 19.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Iron; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Surface Mining

Pond River 20.8 to 31.1 — Muhlenberg County
Into Green River — Segment Length: 10.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Coal Mining (Subsurface); Habitat Modification - other than Hydromodification; Surface Mining

Pond River 61.2 to 71.4 — Muhlenberg County
Into Green River — Segment Length: 10.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Pond Run 0.0 to 6.8 — Ohio County
Into Rough River — Segment Length: 6.8
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Render Creek 0.0 to 3.6 — Ohio County
Into Lewis Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Surface Mining

Rhodes Creek 0.0 to 1.9 — Daviess County
Into Green River — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

Green-Tradewater Basin Unit
Green River Basin
Streams

Rhodes Creek 0.0 to 2.2 — Daviess County
Into Panther Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

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

Rhodes Creek 2.2 to 7.5 — Daviess County
Into Panther Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/destabilization

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

Richland Slough 0.0 to 4.9 — Henderson County
Into Green River — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Non-irrigated Crop Production

Robinson Creek 8.8 to 10.8 — Taylor County
Into Green River (Reservoir) — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Non-Point Source

Rough River 0.0 to 10.4 — McLean County
Into Green River — Segment Length: 10.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Iron; Lead
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Streams

Rough River 55.1 to 64.3 — Ohio County
Into Green River — Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Iron
Suspected Sources: Source Unknown

Rough River 125.2 to 149.4 — Hardin County
Into Green River — Segment Length: 24.2
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt Lick Creek 0.0 to 1.4 — Warren County
Into Gasper River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

Sand Lick Creek 0.0 to 4.0 — Muhlenberg County
Into Pond Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2011.

Skaggs Creek 5.5 to 23.3 — Barren County
Into Barren River (Reservoir) — Segment Length: 17.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

South Fork of Beaver Creek 0.0 to 3.2 — Barren County
Into Beaver Creek — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Streams

South Fork of Little Barren River 23.1 to 30.1 — Metcalfe County
Into Little Barren River — Segment Length: 7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

South Fork of Panther Creek 0.0 to 2.4 — Daviess County
Into Panther Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Copper; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Source Unknown; Streambank Modifications/destabilization

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

South Fork of Panther Creek 2.4 to 9.55 — Daviess County
Into Panther Creek — Segment Length: 7.15
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

South Fork of Panther Creek 9.55 to 14.0 — Daviess County
Into Panther Creek — Segment Length: 4.45
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

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

Green-Tradewater Basin Unit
Green River Basin
Streams

South Fork of Panther Creek 14.0 to 18.3 — Daviess County
Into Panther Creek — Segment Length: 4.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Sputzman Creek 1.3 to 4.4 — Henderson County
Into Green River — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

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

Sunfish Creek 6.8 to 10.3 — Grayson County
Into Bear Creek — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization

Sweepstakes Branch 1.0 to 4.0 — Daviess County
Into South Fork of Panther Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

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

Sycamore Creek 0.0 to 1.6 — Edmonson County
Into Bear Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Habitat Modification - other than Hydromodification

Taylor Fork 0.0 to 4.0 — Grayson County
Into Bear Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

Green-Tradewater Basin Unit
Green River Basin
Streams

Three Lick Fork 0.0 to 3.3 — Ohio County
Into Muddy Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

Town Branch 0.0 to 6.2 — Logan County
Into Mud River — Segment Length: 6.2
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Polychlorinated biphenyls
Suspected Sources: Industrial Point Source Discharge

UT of Cypress Creek 0.0 to 3.4 — Muhlenberg County
Into Cypress Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance
Suspected Sources: Coal Mining; Source Unknown

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

UT to Butler Branch 0.0 to 1.7 — Adair County
Into Butler Branch — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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UT to Cool Springs Creek 0.0 to 1.6 — Adair County
Into Cool Springs Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

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Green-Tradewater Basin Unit
Green River Basin
Streams

UT to Cypress Creek 0.0 to 1.45 — Muhlenberg County
Into Cypress Creek — Segment Length: 1.45
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Unspecified Urban Stormwater

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.4.

UT to Cypress Creek 0.0 to 1.1 — Muhlenberg County
Into Cypress Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance
Suspected Sources: Coal Mining

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

UT to Cypress Creek 0.0 to 3.0 — Muhlenberg County
Into Cypress Creek — Segment Length: 3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

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

UT to Cypress Creek 0.0 to 8.1 — Muhlenberg County
Into Cypress Creek — Segment Length: 8.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/destabilization

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

UT to Drakes Creek 0.0 to 2.2 — Hopkins County
Into Drakes Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Green-Tradewater Basin Unit
Green River Basin
Streams

UT to Elk Creek 0.0 to 1.0 — Hopkins County
Into Elk Creek — Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

UT to Elk Creek 0.0 to 2.6 — Hopkins County
Into Elk Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Unrestricted Cattle Access

UT to Flat Creek 0.0 to 3.1 — Hopkins County
Into Flat Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Surface Mining

UT to Flat Creek 3.1 to 4.1 — Hopkins County
Into Flat Creek — Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

UT to Little Cypress Creek 0.0 to 1.75 — Muhlenberg County
Into Little Cypress Creek — Segment Length: 1.75
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance
Suspected Sources: Coal Mining; Source Unknown

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

UT to Little Cypress Creek 0.0 to 3.25 — Muhlenberg County
Into Little Cypress Creek — Segment Length: 3.25
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance
Suspected Sources: Coal Mining; Source Unknown

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

Green-Tradewater Basin Unit
Green River Basin
Streams

UT to Pond Creek 0.0 to 2.4 — Muhlenberg County
Into Pond Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2011.

UT to Richland Creek 0.0 to 1.7 — Butler County
Into Richland Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat

UT to UT to Little Cypress Creek 0.0 to 2.6 — Muhlenberg County
Into UT of Little Cypress Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance
Suspected Sources: Coal Mining; Source Unknown

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

UT to West Bays Fork — Allen County
Into West Bays Fork — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization; Unrestricted Cattle Access

UT to West Fork of Lewis Creek 0.0 to 2.2 — Ohio County
Into West Fork of Lewis Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Habitat Modification - other than Hydromodification

UT to Wiggington Creek 0.9 to 1.9 — Logan County
Into Wiggington Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Streams

Valley Creek 0.0 to 3.6 — Hardin County
Into Nolin River — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Valley Creek 8.4 to 10.8 — Hardin County
Into Nolin River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/destabilization

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

West Fork of Drakes Creek 0.0 to 23.3 — Simpson County
Into Drakes Creek — Segment Length: 23.3
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge; Unpermitted Discharge (Industrial/commercial Wastes)

West Fork of Drakes Creek 26.7 to 32.1 — Simpson County
Into Drakes Creek — Segment Length: 5.4
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

West Fork of Pond River 1.6 to 8.7 — Christian County
Into Pond River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Habitat Modification - other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

West Fork of Pond River 20.3 to 26.0 — Christian County
Into Pond River — Segment Length: 5.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Habitat Modification - other than Hydromodification; Livestock (Grazing or Feeding Operations)

Green-Tradewater Basin Unit
Green River Basin
Streams

Wolf Branch Ditch 0.0 to 4.1 — Daviess County
Into Rhodes Creek — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production

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

Wolf Lick Creek 0.0 to 14.6 — Logan County
Into Mud River — Segment Length: 14.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Silviculture Activities; Streambank Modifications/destabilization

Green-Tradewater Basin Unit
Green River Basin
Springs

12.2. Green River Basin Springs

Goodman Springs (9000-0230) Hardin County
Into Nolin River Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Goren Mill Spring (9000-0793) Hart County
Into Green River Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

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Graham Spring (9000-0051) Warren County
Into Barren River Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Head of Rough River Spring 154.85 to 155.8 Hardin County
Into Rough River Segment Length: 0.95
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Lost River Rise (9000-0054) Warren County
Into Jennings Creek Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Springs

Mahurin Spring (9000-0202) Grayson County
Into Spring Fork Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

McCoy Bluehole Spring (9000-0792) Hart County
Into Green River Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

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Mill Spring (9000-1193) Grayson County
Into Nolin River Segment Length: 1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli
Suspected Sources: Source Unknown

Nolynn Spring (9000-2673) Larue County
Into North Fork of Nolin River Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Skees KW#1 (9000-1398) Hardin County
Into Nolin River Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

13.3 Green River Basin Lakes

Campbellsville City Reservoir — Taylor County
Into Trace Fork of Little Pitman Creek — Acres: 63
Impaired Use(s): Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Natural Sources; Upstream Source

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Caneyville City Reservoir — Grayson County
Into Bennett Fork of North Fork of Caney Creek — Acres: 75
Impaired Use(s): Secondary Contact Recreation Water (Partial Support); Domestic Water Supply (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Natural Sources; Shallow Lake/Reservoir Basin

Green River Reservoir — Taylor County
Into Green River — Acres: 8210
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue; PCB in Fish Tissue
Suspected Sources: Industrial Point Source Discharge; Source Unknown

Lake Luzerne — Muhlenberg County
Into UT to Caney Creek — Acres: 55
Impaired Use(s): Domestic Water Supply (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

Lake Malone — Logan County
Into Rocky Creek — Acres: 826
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Rough River Reservoir — Hardin County
Into Green River — Acres: 5100
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Green River Basin
Lakes

Spa Lake		Logan County
Into Wolf Lick Creek		Acres: 240
Impaired Use(s):	Secondary Contact Recreation Water (Partial Support)	
Pollutant(s):	Sedimentation/Siltation	
Suspected Sources:	Natural Sources	

Green-Tradewater Basin Unit
Ohio River Basin
Streams

12.4 Ohio River Basin Streams

Bayou Creek 0.0 to 19.1 — Livingston County
Into Ohio River — Segment Length: 19.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Bear Run 1.6 to 1.9 — Breckinridge County
Into Clover Creek — Segment Length: 0.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting

Bell Ditch 0.0 to 2.8 — Daviess County
Into Pup Creek — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

Blackford Creek 0.2 to 4.0 — Hancock County
Into Ohio River — Segment Length: 3.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Blackford Creek 4.0 to 8.4 — Hancock County
Into Ohio River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Canoe Creek 2.4 to 5.0 — Henderson County
Into Ohio River — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Chromium (total); Copper; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Zinc
Suspected Sources: Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Source Unknown

See Chapter 5, Segments Planned for Monitoring During 2010.

Green-Tradewater Basin Unit
Ohio River Basin
Streams

Casey Creek 0.6 to 9.7 — Union County
Into Highland Creek — Segment Length: 9.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Total Dissolved Solids
Suspected Sources: Drainage/Filling/Loss of Wetlands; Petroleum/natural Gas Production Activities (Permitted)

Clover Creek 7.7 to 9.2 — Breckinridge County
Into Ohio River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/modification; Livestock (Grazing or Feeding Operations)

Crooked Creek 0.0 to 12.1 — Crittenden County
Into Ohio River — Segment Length: 12.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown

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

Crooked Creek 12.1 to 26.4 — Crittenden County
Into Ohio River — Segment Length: 14.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Source Unknown; Urban Runoff/Storm Sewers

Deer Creek 0.0 to 8.1 — Livingston County
Into Ohio River — Segment Length: 8.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Agriculture

Green-Tradewater Basin Unit
Ohio River Basin
Streams

Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9 — Union County
Into Ohio River — Segment Length: 10.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

Dyer Hill Creek 0.4 to 6.0 — Livingston County
Into Ohio River — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

East Fork of Canoe Creek 0.0 to 4.4 — Henderson County
Into Canoe Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Drought-related Impacts; Loss of Riparian Habitat

See Chapter 5, Segments Planned for Monitoring During 2010.

Goose Pond Ditch/Wardens Slough 0.0 to 13.6 — Union County
Into Ohio River — Segment Length: 13.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

Highland Creek 0.0 to 7.6 — Union County
Into Ohio River — Segment Length: 7.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Streambank Modifications/destabilization

Green-Tradewater Basin Unit
Ohio River Basin
Streams

Highland Creek 7.6 to 21.4 — Henderson County
Into Ohio River — Segment Length: 13.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Iron
Suspected Sources: Agriculture; Coal Mining (Subsurface); Petroleum/natural Gas Activities

Sadler Creek 0.0 to 2.4 — Livingston County
Into Buck Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/destabilization

Sugg Creek 0.0 to 1.3 — Union County
Into Cypress Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Rush Creek 0.0 to 1.3 — Crittenden County
Into Crooked Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance
Suspected Sources: Municipal Point Source Discharges

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

Green-Tradewater Basin Unit
Ohio River Basin
Lakes

12.5 Ohio River Basin Lakes

Carpenter Lake — Daviess County
Into UT to Pup Creek — Acres: 64
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Upstream Source

Scenic Lake — Henderson County
Into UT to Ohio River — Acres: 18
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Contaminated Sediments; Internal Nutrient Recycling

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

12.6 Tradewater River Basin Streams

Bishop Ditch 0.0 to 2.7 — Webster County
Into Caney Fork — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Turbidity
Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Buffalo Creek 0.0 to 6.8 — Hopkins County
Into Tradewater River — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

Bull Creek 0.0 to 1.0 — Webster County
Into Slover Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Habitat Modification - other than Hydromodification; Non-irrigated Crop Production

Caney Creek 0.0 to 3.3 — Caldwell County
Into Donaldson Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Caney Creek 0.0 to 8.2 — Hopkins County
Into Tradewater River — Segment Length: 8.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining

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

KDOW awarded $756,286 Section 319(h) Grant funds (FFY2001) to the Kentucky Division of Abandoned Mine Lands to restore abandoned mine sites and remediate acid mine drainage in Pleasant Run (a Green River Basin tributary) and Fox Run, a tributary to Caney Creek. The Kentucky Division of Abandoned Mine Lands has also allocated $359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed, a direct tributary to Caney Creek.

Caney Fork 3.4 to 7.9 — Webster County
Into Crab Orchard Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Castleberry Creek 0.0 to 2.1 — Christian County
Into Tradewater River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Clear Creek 0.0 to 7.5 — Hopkins County
Into Tradewater River — Segment Length: 7.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved
Suspected Sources: Source Unknown

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

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Clear Creek 19.4 to 26.2 — Hopkins County
Into Tradewater River — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Source Unknown; Surface Mining

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

Clear Creek 26.2 to 26.5 — Hopkins County
Into Tradewater River — Segment Length: 0.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

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

Copper Creek 0.0 to 2.7 — Hopkins County
Into Richland Creek — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Iron; pH; Specific Conductance; Total Dissolved Solids; Zinc
Suspected Sources: Coal Mining

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

Copperas Creek 0.0 to 3.6 — Hopkins County
Into Caney Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Iron; Nickel; pH; Specific Conductance; Total Dissolved Solids; Zinc
Suspected Sources: Source Unknown

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

Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7 — Webster County
Into Tradewater River — Segment Length: 14.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Craborchard Creek 19.2 to 21.5 — Webster County
Into Tradewater River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Donaldson Creek 0.0 to 14.2 — Hopkins County
Into Tradewater River — Segment Length: 14.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

East Fork of Hurricane Creek 0.0 to 2.2 — Hopkins County
Into Hurricane Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

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

Fox Run 0.0 to 1.1 — Hopkins County
Into Caney Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

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

The Division of Water awarded $756,286 (FFY2001) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to restore abandoned mine lands and remediate acid mine drainage in the Fox Run and Pleasant Run watersheds. The Kentucky Division of Abandoned Mine Lands has allocated $1,339,260 (2004) in federal AML funds for reclamation projects in the Fox Run and Pleasant Run watersheds.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Hurricane Creek 0.0 to 1.8 — Hopkins County
Into Tradewater River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Iron; pH; Specific Conductance; Total Dissolved Solids; Zinc
Suspected Sources: Coal Mining; Source Unknown

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

Lambs Creek 0.0 to 3.3 — Hopkins County
Into Clear Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Source Unknown; Surface Mining

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

Lick Creek 0.0 to 11.9 — Hopkins County
Into Clear Creek — Segment Length: 11.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

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

Lynn Fork 0.0 to 2.4 — Webster County
Into Crab Orchard Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pigeonroost Creek 0.0 to 3.9 — Crittenden County
Into Tradewater River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Pond Creek 0.0 to 5.5 — Hopkins County
Into Clear Creek — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

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

Relict Channel of Cypress Creek 0.5 to 3.3 — Union County
Into Tradewater River — Segment Length: 2.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Richland Creek 0.0 to 4.5 — Hopkins County
Into Clear Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Managed Pasture Grazing

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

Tradewater River 0.0 to 16.8 — Union County
Into Ohio River — Segment Length: 16.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

Tradewater River 20.6 to 46.4 — Webster County
Into Ohio River — Segment Length: 25.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Iron
Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land); Source Unknown

Tradewater River 63.1 to 79.4 — Hopkins County
Into Ohio River — Segment Length: 16.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Tradewater River 98.5 to 111.1 — Christian County
Into Ohio River — Segment Length: 12.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures)

Tyson Branch 0.0 to 2.5 — Caldwell County
Into Tradewater River — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Habitat Modification - other than Hydromodification

UT to Copper Creek 0.0 to 1.1 — Hopkins County
Into Copper Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

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

UT to Copperas Creek 0.0 to 0.9 — Hopkins County
Into Copperas Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Iron; pH; Specific Conductance; Total Dissolved Solids; Zinc
Suspected Sources: Source Unknown

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

UT to Donaldson Creek 0.0 to 1.8 — Caldwell County
Into Donaldson Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

UT to Hurricane Creek 0.0 to 0.2 — Hopkins County
Into Hurricane Creek — Segment Length: 0.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Iron; Nitrates; pH; Specific Conductance; Total Dissolved Solids; Zinc
Suspected Sources: Coal Mining; Source Unknown

UT to Slover Creek 0.0 to 1.5 — Webster County
Into Slover Creek — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/destabilization

UT to UT to Slover Creek 0.0 to 1.2 — Webster County
Into UT Ditch to Slover Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

UT to UT to Slover Creek 0.2 to 1.5 — Webster County
Into UT Ditch to Slover Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Agriculture; Channelization; Surface Mining

Ward Creek 5.1 to 10.3 — Caldwell County
Into Flynn Fork — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.9 to 10.3.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

Weirs Creek 0.0 to 4.9		Hopkins County	
Into Clear Creek		Segment Length:	4.9
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)		
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Turbidity		
Suspected Sources:	Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production		

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

Wolf Creek 0.0 to 1.0		Crittenden County	
Into Tradewater River		Segment Length:	1
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)		
Pollutant(s):	Cause Unknown		
Suspected Sources:	Source Unknown		

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Chapter 13. Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List

13.1 Big Sandy River Basin Streams

Abbott Creek 0.0 to 3.2 — Floyd County
Into Levisa Fork of Big Sandy River — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrogen (Total); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved; Turbidity
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Arkansas Creek 0.0 to 3.6 — Floyd County
Into Beaver Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Arnold Fork 0.0 to 2.6 — Knott County
Into Right Fork Beaver Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Inappropriate Waste Disposal; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted)

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

Banjo Branch 0.0 to 1.5 — Johnson County
Into Levisa Fork of Big Sandy River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Barnetts Creek 0.0 to 1.6 — Johnson County
Into Paint Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Petroleum/natural Gas Activities; Surface Mining

Bear Creek 0.0 to 2.0 — Lawrence County
Into Big Sandy River — Segment Length: 2.0
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal coliform
Suspected Sources: Animal Feeding Operations (NPS), On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.9.

Beaver Creek 0.0 to 7.1 — Floyd County
Into Levisa Fork of Big Sandy River — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Nitrate/Nitrite (Nitrite + Nitrate as N); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Unspecified Domestic Waste

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Big Creek 0.0 to 1.9 — Pike County
Into Tug Fork of Big Sandy River — Segment Length: 1.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Big Creek 7.3 to 10.6 — Pike County
Into Tug Fork of Big Sandy River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.3 to 10.7.

Big Creek 10.6 to 15.1 — Pike County
Into Tug Fork of Big Sandy River — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 10.7 to 15.1.

Big Mine Creek 1.4 to 3.9 — Magoffin County
Into Little Paint Creek — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock Mining or Quarries; Silviculture Activities; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Big Mine Creek 5.8 to 8.4 — Magoffin County
Into Little Paint Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Big Sandy River 0.0 to 27.1 — Boyd County
Into Ohio River — Segment Length: 27.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification

Bill D Branch 0.0 to 1.1 — Knott County
Into Right Fork Beaver Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Sand/gravel/rock Mining or Quarries

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

Bill D Branch 1.1 to 2.9 — Knott County
Into Right Fork Beaver Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Blaine Creek 35.0 to 39.8 — Lawrence County
Into Big Sandy River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 35.0 to 40.8.

Blaine Creek 40.9 to 45.3 — Lawrence County
Into Big Sandy River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

This segment is a combination of two former segments, 41.6 to 43.0 and 44.0 to 48.4. Also, the river miles have been changed to reflect the National Hydroraphy Data Set.

Blaine Creek 8.2 to 17.6 — Lawrence County
Into Big Sandy River — Segment Length: 9.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.1 to 17.4.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Brushy Fork 0.0 to 10.0 — Pike County
Into Johns Creek — Segment Length: 10
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Surface Mining

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Buck Branch 0.0 to 2.8 — Floyd County
Into Beaver Creek — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Buffalo Creek 0.0 to 1.8 — Floyd County
Into Johns Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Caleb Fork 0.0 to 1.2 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Iron; Nitrogen (Total); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Sand/gravel/rock Mining or Quarries

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Caney Fork 0.0 to 7.5 — Knott County
Into Right Fork Beaver Creek — Segment Length: 7.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Caney Fork 7.5 to 11.3 — Knott County
Into Right Fork Beaver Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Clear Creek 0.0 to 4.9 Floyd County
Into Left Fork Beaver Creek Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nitrogen (Total); Phosphorus (Total); Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted)

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Coldwater Fork 2.1 to 8.8 Martin County
Into Middle Fork, Rockcastle River Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface mining; Unspecified Urban Stormwater

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Coldwater Fork is one of five subwatersheds targeted by the RC&D for erosion control.

Dry Creek 0.0 to 4.0 Knott County
Into Right Fork Beaver Creek Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Elkhorn Creek 0.0 to 10.7 — Pike County
Into Russell Fork — Segment Length: 10.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids; Total Suspended Solids (TSS)
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Surface Mining

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.6.

Frasure Creek 0.0 to 5.2 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities, Post-Development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Georges Creek 0.0 to 2.9 — Lawrence County
Into Levisa Fork of Big Sandy River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/gravel/rock Mining or Quarries; Source Unknown

The river miles for this segment have been expanded due to additional assessment points. This segment was formerly 0.0 to 0.9.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Goose Creek 0.0 to 2.2 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Source Unknown

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

Greasy Creek 0.0 to 4.7 — Johnson County
Into Levisa Fork of Big Sandy River — Segment Length: 4.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Coal Mining; Municipal Point Source Discharges

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.8.

Hall Fork 0.0 to 2.0 — Floyd County
Into Frasure Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

Harriett Branch 0.6 to 2.3 — Lawrence County
Into Little Blaine Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Hood Creek 0.0 to 3.6 — Lawrence County
Into Blaine Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Ice Dam Creek 0.0 to 0.4 — Boyd County
Into Big Sandy River — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Nitrogen (Total); Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Ice Dam Creek 0.4 to 2.4 — Boyd County
Into Big Sandy River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Nitrogen (Total); Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Indian Creek 0.0 to 3.5 — Pike County
Into Long Fork — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Oxygen, Dissolved; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Streambank Modifications/destabilization; Surface Mining

Island Creek 0.0 to 1.7 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Jacks Creek 0.0 to 4.4 — Floyd County
Into Left Fork of Beaver Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Escherichia coli; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Jennys Creek 5.3 to 10.8 — Johnson County
Into Paint Creek — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining

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Jenny's Creek 0.0 to 3.1 — Johnson County
Into Paint Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

Johns Branch 0.0 to 1.6 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 1.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Johns Creek 0.0 to 5.8 — Johnson County
Into Levisa Fork of Big Sandy River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Impacts from Hydrostructure Flow Regulation/modification; Sand/gravel/rock Mining or Quarries; Surface Mining; Upstream Impoundments (e.g., Pl-566 NRCS Structures)

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Creek 24.0 to 30.65 — Pike County
Into Levisa Fork of Big Sandy River — Segment Length: 6.65
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Specific Conductance
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 24.0 to 30.7.

Johns Creek 34.4 to 42.5 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 8.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Jones Fork 0.0 to 9.9 — Knott County
Into Right Fork Beaver Creek — Segment Length: 9.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Nitrogen (Total); Phosphorus (Total); Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Channelization; Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.4.

Keaton Fork 0.0 to 5.1 — Johnson County
Into Left Fork Blaine Creek — Segment Length: 5.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Knox Creek 0.0 to 8.0 — Pike County
Into Tug Fork of Big Sandy River — Segment Length: 8
Impaired Use(s): Fish Consumption (Nonsupport); Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; PCB in Fish Tissue; Sedimentation/Siltation; Specific Conductance; Temperature, water
Suspected Sources: Channelization; Coal Mining; Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown; Upstream Source

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.9.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Left Fork Beaver Creek 0.0 to 11.4 — Floyd County
Into Beaver Creek — Segment Length: 11.4

Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s):	Escherichia coli; Iron; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources:	Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Left Fork Beaver Creek 11.4 to 13.55 — Floyd County
Into Beaver Creek — Segment Length: 2.15

Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s):	Escherichia coli; Specific Conductance
Suspected Sources:	Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Left Fork Beaver Creek 13.55 to 18.7 — Floyd County
Into Beaver Creek — Segment Length: 5.15

Impaired Use(s):	Warm Water Aquatic Habitat (Partial Support)
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Specific Conductance; Sedimentation/Siltation
Suspected Sources:	Coal Mining; Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.6 to 18.7.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Left Fork Beaver Creek 18.7 to 28.6 — Floyd County
Into Beaver Creek — Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Left Fork Blaine Creek 0.0 to 2.1 — Lawrence County
Into Blaine Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock Mining or Quarries; Silviculture Activities; Surface Mining

Left Fork Malachi Branch 0.0 to 0.7 — Pike County
Into Right Fork Malachi Branch — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Left Fork Middle Creek 0.0 to 10.3 — Floyd County
Into Middle Creek of Levisa Fork — Segment Length: 10.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; pH; Specific Conductance; Total Dissolved Solids
Suspected Sources: Non-Point Source; Source Unknown; Surface Mining

The river miles for this segment have been expanded due to an additional assessment point. This segment was formerly 0.0 to 8.4.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Levisa Fork 0.0 to 5.8 — Lawrence County
Into Big Sandy River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Organic Enrichment (Sewage) Biological Indicators; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown

Levisa Fork 116.0 to 124.4 — Pike County
Into Big Sandy River — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas; Surface Mining

Levisa Fork 5.8 to 15.3 — Lawrence County
Into Big Sandy River — Segment Length: 9.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Methylmercury; Polychlorinated biphenyls; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Source Unknown; Surface Mining

Levisa Fork 31.4 to 54.7 — Floyd County
Into Big Sandy River — Segment Length: 23.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Levisa Fork 65.2 to 98.0 — Pike County
Into Big Sandy River — Segment Length: 32.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Chlorine; Fecal Coliform; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to stop the assessment at the dam. This segment formerly went through the dam to river mile 99.9, which was an error.

Levisa Fork 98.0 to 101.25 — Pike County
Into Big Sandy River — Segment Length: 3.25
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers

Lick Branch 0.0 to 1.3 — Martin County
Into Coldwater Fork — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Lick Creek 0.3 to 4.7 — Pike County
Into Levisa Fork of Big Sandy River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Little Paint Creek 3.2 to 6.5 — Johnson County
Into Open Fork Paint Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.2 to 6.4.

Little Paint Creek 6.5 to 11.6 — Johnson County
Into Paint Creek — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Subsurface (Hardrock) Mining; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.4 to 11.6.

Lockwood Creek 2.6 to 3.2 — Boyd County
Into Big Sandy River — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Non-Point Source; Source Unknown

Long Branch 0.0 to 2.0 — Floyd County
Into Johns Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining

Long Fork 0.0 to 1.4 — Floyd County
Into Buck Branch — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Non-Point Source; Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Long Fork 0.4 to 7.5 — Pike County
Into Shelby Creek — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Lower Chloe Creek 0.0 to 1.5 — Pike County
Into Levisa Fork of Big Sandy River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

Lower Laurel Fork 0.0 to 7.9 — Lawrence County
Into Blaine Creek — Segment Length: 7.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater

Marrowbone Creek 1.4 to 11.3 — Pike County
Into Russell Fork — Segment Length: 9.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Meathouse Fork 0.0 to 2.9 — Pike County
Into Johns Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Middle Creek Levisa Fork 0.0 to 4.6 — Floyd County
Into Levisa Fork of Big Sandy River — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance; Total Suspended Solids (TSS)
Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Sand/gravel/rock Mining or Quarries; Surface Mining; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.5.

Middle Fork Rockcastle Creek 0.0 to 16.8 — Martin County
Into Rockcastle Creek — Segment Length: 16.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Miller Creek 0.0 to 6.4 — Johnson County
Into Levisa Fork Big Sandy River — Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Surface Mining

Mud Creek 0.0 to 2.7 — Floyd County
Into Levisa Fork Big Sandy River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Turbidity
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization

Nats Creek 0.0 to 3.1 — Lawrence County
Into Levisa Fork — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Open Fork 6.4 to 11.3 — Morgan County
Into Paint Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/gravel/rock Mining or Quarries; Silviculture Activities; Surface Mining

Otter Creek 0.0 to 0.5 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Escherichia coli; Nitrogen (Total); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Paddle Creek 0.0 to 1.4 — Boyd County
Into Ice Dam Creek — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Industrial Point Source Discharge; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Paint Creek 0.0 to 7.1 — Johnson County
Into Levisa Fork of Big Sandy River — Segment Length: 7.1
Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Temperature, water
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Domestic Waste; Woodlot Site Clearance

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.9.

Paint Creek 7.1 to 8.3 — Johnson County
Into Levisa Fork of Big Sandy River — Segment Length: 1.2
Impaired Use(s): Cold Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Temperature, water
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Domestic Waste; Woodlot Site Clearance

Panther Fork 0.0 to 2.95 — Martin County
Into Wolf Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.72.

Peter Creek 0.0 to 5.8 — Pike County
Into Tug Fork — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Pigeonroost Fork 0.0 to 1.3 — Martin County
Into Wolf Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Pond Creek 0.0 to 9.7 — Pike County
Into Tug Fork — Segment Length: 9.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Discharges in Unsewered Areas; Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Surface Mining

Puncheon Branch 0.0 to 3.6 — Knott County
Into Right Fork Beaver Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

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

Raccoon Creek 5.6 to 7.4 — Pike County
Into Johns Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Right Fork Beaver Creek 0.0 to 17.4 — Floyd County
Into Beaver Creek — Segment Length: 17.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Pollutant(s): Escherichia coli; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; pH; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Coal Mining; Inappropriate Waste Disposal; Loss of Riparian Habitat; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 17.4 to 23.3 — Floyd County
Into Beaver Creek — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 23.3 to 30.3 — Knott County
Into Beaver Creek — Segment Length: 7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities

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

Right Fork Beaver Creek 30.3 to 33.4 — Knott County
Into Beaver Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Suspected Sources: Coal Mining; Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Surface Mining

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Right Fork Beaver Creek 33.4 to 37.9 — Knott County
Into Beaver Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

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

Right Fork of Little Paint Creek 0.4 to 2.1 — Floyd County
Into Little Paint Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source

Right Fork of Panther Fork 0.0 to 1.05 — Martin County
Into Panther Fork — Segment Length: 1.05
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Right Fork of Whitecabin Branch 0.0 to 1.1 — Martin County
Into Whitecabin Branch — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Righthand Fork 0.0 to 2.0 — Knott County
Into Bill D Branch — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Rob Fork 0.0 to 1.0 — Pike County
Into Caney Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining

Rock Fork 0.0 to 7.0 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Dredging (E.g., for Navigation Channels); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

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

Rockcastle Creek 0.0 to 3.7 — Lawrence County
Into Tug Fork — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance; Total Suspended Solids (TSS); Total Dissolved Solids
Suspected Sources: Non-Point Source; Rural (Residential Areas); Post-Development Erosion and Sedimentation; Surface Mining

Rockcastle Creek 13.25 to 15.3 — Martin County
Into Tug Fork — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Rockcastle Creek 3.7 to 13.25 — Martin County
Into Tug Fork — Segment Length: 9.55
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Rockhouse Fork 0.0 to 6.4 — Martin County
Into Rockcastle Creek — Segment Length: 6.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Post-development Erosion and Sedimentation; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.3.

Salisbury Branch 0.0 to 1.8 — Knott County
Into Right Fork Beaver Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Dredge Mining; Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Rural (Residential Areas)

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Salt Lick Creek 0.0 to 6.8 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nitrogen (Total); Oxygen, Dissolved; Phosphorus (Total); Sedimentation/Siltation; Specific Conductance;
Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Shelby Creek 0.0 to 6.0 — Pike County
Into Levisa Fork of Big Sandy River — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Source Unknown; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.1.

Shelby Creek 6.0 to 13.3 — Pike County
Into Levisa Fork of Big Sandy River — Segment Length: 7.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Petroleum/natural Gas Activities; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.1 to 13.3.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Simpson Branch 0.0 to 1.8 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Iron; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Sizemore Branch 0.0 to 2.0 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

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

Spewing Camp Branch 0.0 to 3.1 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 3.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Escherichia coli; pH; Specific Conductance; Total Dissolved Solids; Total Suspended Solids (TSS)
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Spurlock Creek 0.0 to 0.6 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Spurlock Creek 0.6 to 4.0 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Petroleum/natural Gas Activities

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

Steele Creek 0.0 to 2.4 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Dredge Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

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

Stephens Branch 0.0 to 2.6 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 2.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

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

Straight Fork 0.0 to 1.1 — Martin County
Into Panther Fork — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Stratton Branch 0.4 to 2.1 — Floyd County
Into Johns Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Sycamore Creek 0.0 to 3.8 — Pike County
Into Johns Creek — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Toms Creek 0.0 to 8.0 — Johnson County
Into Levisa Fork — Segment Length: 8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Sand/gravel/rock Mining or Quarries; Surface Mining

Tug Fork 71.9 to 77.7 — Pike County
Into Big Sandy River — Segment Length: 5.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Polychlorinated biphenyls
Suspected Sources: Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Turkey Creek 0.0 to 5.9 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation; Specific Conductance;
Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

See Chapter 4, Status of TMDLs Under Development Prior to 2010, Chapter 7, TMDLs Planned for Public Notice During 2010 and Chapter 8, TMDLs Planned for Public Notice During 2011.

Upper Pidgeon Branch 0.0 to 2.1 — Pike County
Into Elkhorn Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nitrogen (Total); Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Source Unknown; Surface Mining

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

UT of Mudlick Branch 0.0 to 0.6 — Martin County
Into Mudlick Branch — Segment Length: 0.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH; Specific Conductance
Suspected Sources: Surface Mining

Venters Branch 0.4 to 1.8 — Martin County
Into Middle Fork of Rockcastle Creek — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Wilson Creek 0.0 to 2.9 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Coal Mining; Dredge Mining; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Activities; Post-development Erosion and Sedimentation

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

Wolf Creek 0.0 to 6.6 — Martin County
Into Tug Fork of Big Sandy River — Segment Length: 6.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.5.

Wolf Creek 17.6 to 20.5 — Martin County
Into Tug Fork of Big Sandy River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Wolf Creek 6.6 to 17.6 — Martin County
Into Tug Fork of Big Sandy River — Segment Length: 11
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Specific Conductance; Total Dissolved Solids
Suspected Sources: Dredging (E.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.5 to 17.6.

Wolfpen Branch 0.0 to 1.7 — Pike County
Into Grassy Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water; Total Dissolved Solids
Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Lakes

13.2 Big Sandy River Basin Lakes

Dewey Lake — Floyd County
Into Johns Creek — Acres: 1100
Impaired Use(s): Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Surface Mining; Upstream Source

Fishtrap Reservoir — Pike County
Into Levisa Fork of Big Sandy River — Acres: 1143
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): PCB in Fish Tissue
Suspected Sources: Upstream Source

Paintsville Reservoir — Johnson County
Into Paint Creek — Acres: 1139
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

13.3 Little Sandy River Basin Streams

Allcorn Creek 0.7 to 3.2 — Greenup County
Into Little Sandy River — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.4 to 3.9.

Bandy Branch 0.0 to 1.4 — Elliott County
Into Middle Fork of Little Sandy River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Non-Point Source

Barrett Creek 0.0 to 7.2 — Carter County
Into Little Sandy River — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)

Cane Creek 0.0 to 4.1 — Greenup County
Into Little Sandy River — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Dry Fork 1.2 to 4.5 — Lawrence County
Into Little Fork Little Sandy River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Harvesting

East Fork Little Sandy River 24.9 to 26.4 — Boyd County
Into Little Sandy River — Segment Length: 1.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

East Fork Little Sandy River 27.6 to 30.9 Boyd County
Into Little Sandy River Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Legacy coal extraction; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 627.1 to 30.0.

East Fork Little Sandy River 4.7 to 14.2 Greenup County
Into Little Sandy River Segment Length: 9.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli
Suspected Sources: Agriculture

Ellingtons Bear Cr 0.0 to 1.5 Boyd County
Into East Fork Little Sandy River Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Temperature, water
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Everman Cr 0.0 to 5.7 Carter County
Into Little Sandy River Segment Length: 5.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown

Garner Cr 0.0 to 1.8 Boyd County
Into East Fork Little Sandy River Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Hurricane Fork 0.0 to 2.2 Boyd County
Into Keys Creek Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Left Fork Redwine Creek 0.0 to 1.2 — Elliott County
Into Redwine Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Lick Fork 0.0 to 5.2 — Elliott County
Into Newcombe Creek — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Sand/gravel/rock Mining or Quarries; Unspecified Urban Stormwater

Little Fork Little Sandy River 12.1 to 23.8 — Carter County
Into Little Sandy River — Segment Length: 11.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 12.0 to 23.8.

Little Fork Little Sandy River 23.8 to 29.8 — Elliott County
Into Little Sandy River — Segment Length: 6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 23.8 to 27.7.

Little Fork Little Sandy River 27.7 to 30.5 — Elliott County
Into Little Sandy River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Little Fork Little Sandy River 5.0 to 6.0 Carter County
Into Little Sandy River Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.8 to 6.0.

Little Fork Little Sandy River 6.0 to 12.1 Carter County
Into Little Sandy River Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Chlorine; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Package Plant or Other Permitted Small Flows Discharges

Little Sandy River 0.15 to 0.3 Greenup County
Into Ohio River Segment Length: 0.15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 0.2.

Little Sandy River 12.1 to 20.1 Greenup County
Into Ohio River Segment Length: 8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Source Unknown; Upstream Source

Little Sandy River 71.8 to 74.7 Elliott County
Into Ohio River Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification

Lower Stinson Creek 0.0 to 1.1 Carter County
Into Little Sandy River Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Middle Fork Little Sandy River 5.8 to 7.5 — Elliott County
Into Little Sandy River — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.7 to 7.5.

Near Fork Sandsuck Creek 1.1 to 2.0 — Greenup County
Into Sandsuck Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Non-Point Source; Source Unknown

Newcombe Creek 1.1 to 7.3 — Elliott County
Into Little Sandy River — Segment Length: 6.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Legacy Coal Extraction; Silviculture Activities; Petroleum/Natural Gas Activities

The river miles for this segment have been changed to begin at the embayment to Right Fork Newcombe Creek and to stop at Lick Fork. This segment was formerly 0.0 to 11.9.

Oldtown Creek 0.0 to 1.9 — Greenup County
Into Little Sandy River — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Oil and Grease; Sedimentation/Siltation; Temperature, water; Turbidity
Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown

Right Fork Newcombe Creek 0.0 to 4.2 — Elliott County
Into Newcombe Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Sand/gravel/rock Mining or Quarries; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Rocky Branch 0.0 to 3.2 — Elliott County
Into Newcombe Creek — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater

South Fork Ruin Creek 0.7 to 5.5 — Elliott County
Into Little Sandy River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction)

Straight Creek 0.0 to 3.8 — Carter County
Into Little Fork Little Sandy River — Segment Length: 3.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Silviculture Harvesting

Tunnel Branch 0.0 to 1.7 — Greenup County
Into Little Sandy River — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

UT of Clay Fork 0.0 to 1.2 — Elliott County
Into Clay Fork — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Non-Point Source; Source Unknown

UT to East Fork Little Sandy River 0.0 to 0.3 — Greenup County
Into East Fork, Little Sandy River — Segment Length: 0.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Wells Creek 0.0 to 3.5 — Elliott County
Into Little Sandy River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

Whetstone Creek 1.2 to 3.3 — Greenup County
Into Little Sandy River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Williams Creek 0.0 to 2.9 — Boyd County
Into East Fork of Little Sandy River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Habitat Modification - other than Hydromodification; Natural Sources; Source Unknown; Streambank Modifications/destabilization

13.4 Little Sandy River Basin Lakes

Grayson Lake		Carter County
Into Little Sandy River		Acres: 1512
Impaired Use(s):	Fish Consumption (Partial Support)	
Pollutant(s):	Mercury in Fish Tissue	
Suspected Sources:	Source Unknown	

Big Sandy-Little Sandy-Tygarts Basin Unit
Ohio River Basin
Streams

13.5 Ohio River Basin Streams

Newberry Branch 0.0 to 2.8 — Greenup County
Into Ohio River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production

Rockhouse Fork 0.0 to 2.1 — Greenup County
Into Daniels Fork — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

UT to Chinns Branch 0.0 to 1.1 — Greenup County
Into Chinns Branch — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

13.6 Tygarts Creek Basin Streams

Backs Branch 0.0 to 0.9 — Greenup County
Into Tygarts Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Jacobs Fork 3.6 to 5.7 — Carter County
Into Tygarts Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Dredge Mining; Dredging (E.g., for Navigation Channels); Managed Pasture Grazing

Jacobs Fork 0.0 to 2.05 — Carter County
Into Tygarts Creek — Segment Length: 2.05
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle Access

Schultz Creek 4.7 to 7.5 — Greenup County
Into Tygarts Creek — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.7 to 10.8.

Smith Creek 2.0 to 4.3 — Carter County
Into Buffalo Creek — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Temperature, water
Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown

Soldier Fork 0.0 to 5.5 — Carter County
Into Jacobs Fork — Segment Length: 5.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit
Tygarts Creek Basin
Streams

Trough Camp 1.5 to 6.1 — Carter County
Into Tygarts Creek — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Post-development Erosion and Sedimentation

Tygarts Creek 0.2 to 25.0 — Greenup County
Into Ohio River — Segment Length: 24.8
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; PCB in Fish Tissue
Suspected Sources: Source Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 25.0 to 36.3 — Greenup County
Into Ohio River — Segment Length: 11.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; Nutrient/Eutrophication Biological Indicators; PCB in Fish Tissue; Sedimentation/Siltation
Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Source Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 36.3 to 45.5 — Greenup County
Into Ohio River — Segment Length: 9.2
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; PCB in Fish Tissue
Suspected Sources: Source Unknown

This segment has split since the 2008 Integrated Report Listing. This segment was formerly 0.0 to 45.7.

Tygarts Creek 83.2 to 88.6 — Carter County
Into Ohio River — Segment Length: 5.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Big Sandy-Little Sandy-Tygarts Basin Unit
Tygarts Creek Basin
Streams

White Oak Creek 0.0 to 1.1		Greenup County	
Into Tygarts Creek		Segment Length:	1.1
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)		
Pollutant(s):	Cause Unknown		
Suspected Sources:	Habitat Modification - other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction)		

Chapter 14. Ohio River Mainstem 303(d) List

14.1 Ohio River Mainstem

Ohio River 317.2 to 319.4 — Boyd County
NHD miles 317.6 to 319.7 — Segment Length: 2.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 319.4 to 340.8 — Boyd and Greenup Counties
NHD miles 319.7 to 341.05 — Segment Length: 21.4
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 340.8 to 356.6 — Greenup County
NHD miles 341.05 to 356.8 — Segment Length: 15.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated biphenyls
Suspected Sources: Source Unknown

Ohio River 356.6 to 377.7 — Greenup and Lewis Counties
NHD miles 356.8 to 377.65 — Segment Length: 21.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 377.7 to 382.9 — Lewis County
NHD miles 377.65 to 382.85 — Segment Length: 5.2
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River Mainstem

Ohio River 382.9 388.0 — Lewis County
NHD miles 382.85 to 388.0 — Segment Length: 5.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 388.0 to 436.5 — Lewis, Mason and Bracken Counties
NHD miles 388.0 to 436.2 — Segment Length: 48.5
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 436.5 to 464.5 — Bracken, Pendleton and Campbell Counties
NHD miles 436.2 to 464.1 — Segment Length: 28.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 464.5 to 465.2 — Campbell County
NHD miles 464.1 to 464.8 — Segment Length: 0.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 465.2 to 469.3 — Campbell County
NHD miles 464.8 to 468.85 — Segment Length: 4.1
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River Mainstem

Ohio River 469.3 to 471.4 — Campbell and Kenton Counties
NHD miles 468.85 to 471.0 — Segment Length: 2.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 471.4 to 475.1 — Kenton County
NHD miles 471.0 to 474.65 — Segment Length: 3.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 475.1 to 477.6 — Kenton and Boone Counties
NHD miles 474.65 to 477.1 — Segment Length: 2.5
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 477.6 to 488.0 — Boone County
NHD miles 477.1 to 487.4 — Segment Length: 10.4
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 488.0 to 603.3 — Boone, Gallatin, Carroll, Trimble, Oldham and Jefferson Counties
NHD miles 487.4 to 602.1 — Segment Length: 115.3
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 603.3 to 608.1 — Jefferson County
NHD miles 602.1 to 606.6 — Segment Length: 4.8
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 608.1 to 609.2 — Jefferson County
NHD miles 606.6 to 607.65 — Segment Length: 1.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 609.2 to 614.9 — Jefferson County
NHD miles 607.65 to 613.3 — Segment Length: 5.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 614.9 to 683.0 — Jefferson, Hardin and Meade Counties
NHD miles 613.3 to 680.9 — Segment Length: 68.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 683.0 to 719.5 — Meade, Breckinridge and Hancock Counties
NHD miles 680.9 to 716.8 — Segment Length: 36.5
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 719.5 to 735.7 — Hancock County
NHD miles 716.8 to 732.8 — Segment Length: 18.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 735.7 to 756.4 — Hancock and Daviess Counties
NHD miles 732.8 to 753.1 — Segment Length: 20.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 756.4 to 760.6 — Daviess County
NHD miles 753.1 to 757.0 — Segment Length: 4.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 760.6 to 789.3 — Daviess and Henderson Counties
NHD miles 757.0 to 785.55 — Segment Length: 28.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 789.3 to 792.1 — Henderson County
NHD miles 785.55 to 788.4 — Segment Length: 2.8
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 792.1 to 793.2 — Henderson County
NHD miles 788.4 to 789.3 — Segment Length: 1.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 793.2 to 798.4 Henderson County
NHD miles 789.3 to 794.45 Segment Length: 5.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 798.4 to 799.8 Henderson County
NHD miles 794.45 to 795.85 Segment Length: 1.4
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 799.8 to 802.9 Henderson County
NHD miles 795.85 to 798.9 Segment Length: 3.1
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 802.9 to 820.1 Henderson County
NHD miles 789.9 to 816.25 Segment Length: 17.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 820.1 to 826.4 — Henderson County
NHD miles 816.25 to 822.5 — Segment Length: 6.3
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 826.4 to 847.3 — Henderson and Union Counties
NHD miles 822.5 to 843.1 — Segment Length: 20.9
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 847.3 to 853.4 — Union County
NHD miles 843.1 to 849.36 — Segment Length: 6.1
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 853.4 to 857.6 — Union County
NHD miles 849.35 to 853.3 — Segment Length: 4.2
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 857.6 to 862.1 — Union County
NHD miles 853.3 to 857.8 — Segment Length: 4.5
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River Mainstem

Ohio River 862.1 to 872.8 — Union County
NHD miles 857.8 to 868.3 — Segment Length: 10.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 872.8 to 878.2 — Union and Crittenden Counties
NHD miles 868.3 to 873.25 — Segment Length: 5.4
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 878.2 to 882.9 — Crittenden County
NHD miles 873.25 to 877.9 — Segment Length: 4.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 882.9 to 894.6 — Crittenden and Livingston Counties
NHD miles 877.9 to 889.45 — Segment Length: 11.7
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 894.6 to 910.3 — Livingston County
NHD miles 889.45 to 904.85 — Segment Length: 15.7
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River Mainstem

Ohio River 910.3 to 920.5 — Livingston County
NHD miles 904.85 to 914.9 — Segment Length: 10.2
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 920.5 to 925.8 — Livingston County
NHD miles 914.9 to 919.85 — Segment Length: 5.3
Impaired Use(s): Fish Consumption (Partial Support); Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin; Escherichia coli; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

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

Ohio River 925.8 to 981.0 — Livingston, McCracken, Ballard and Carlisle Counties
NHD miles 919.85 to 974.9 — Segment Length: 10.2
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin; Mercury in Water Column; Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Appendix A. Table of Category 5 Listings for the 5 BMUs

Category 5 is the list of impaired waterbody/pollutant combinations that require TMDLs (i.e., the 303(d) List). This appendix contains most of the narrative information found in Chapters 9 through 14, in tabular format.

This appendix also lists a waterbody identifier number (Waterbody ID) that is unique to each segment, and a USGS Hydrologic Unit Code 8 (8-Digit HUC) number. In addition, each pollutant is listed individually and the assessment category and suspected source(s) associated with each pollutant are indicated. Note that if a segment has both the pollutants of fecal coliform and *Escherichia coli* associated with it, it is listed as one impairment because only one TMDL would be required to address both of these pathogen indicators. For the same reason of only requiring one TMDL, if multiple uses are associated with one pollutant, it is indicated as one use. Thus, the reader can obtain a count of the TMDLs required (2422) by counting the number of listings in this table.

Some of the information has been abbreviated to address issues with width of the table. The key below indicates abbreviations for the use associated with a pollutant. Additionally, the abbreviation of NS under the Assessment Category header indicates nonsupport, while PS indicates partial support. All of the listings are in Category 5.

Key for Use (Designated Use)

WAH	Warm Water Aquatic Habitat
CAH	Cold Water Aquatic Habitat
PCR	Primary Contact Recreation
SCR	Secondary Contact Recreation
FC	Fish Consumption
DWS	Domestic Water Supply

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Arnolds Creek 0.0 to 10.8	10.8 miles	KY486059_00	5100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_01	5100205	Anderson	5-PS	WAH	Sedimentation/ Siltation	Post-Development Erosion and Sedimentation, Source Unknown, Unspecified Urban Stormwater
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_01	5100205	Anderson	5-PS	WAH	Total Dissolved Solids	Source Unknown, Unspecified Urban Stormwater
Balls Branch 0.0 to 4.9	4.9 miles	KY486303_01	5100205	Boyle	5-NS	PCR	Escherichia coli	Agriculture, Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Balls Fork 8.3 to 11.3	3 miles	KY486305_00	5100201	Knott	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Non-Irrigated Crop Production, Post-Development Erosion and Sedimentation, Surface Mining
Balls Fork 8.3 to 11.3	3 miles	KY486305_00	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Surface Mining
Baughman Creek 0.0 to 4.6	4.6 miles	KY486477_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	5100205	Woodford	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	5100205	Woodford	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations)

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	5100205	Woodford	5-NS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
Benson Creek 0.0 to 4.6	4.6 miles	KY486877_01	5100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_02	5100205	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	5100205	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	5100205	Franklin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_03	5100205	Franklin	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related)

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	5100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	5100201	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	05100201	Breathitt	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Big Twin Creek 0.0 to 3.8	3.8 miles	KY487286_00	5100205	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	5100201	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

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	5100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	5100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	5100201	Knott	5-NS	WAH	Selenium	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	5100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_01	5100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_01	5100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Blue Lick 0.0 to 4.1	4.1 miles	KY487526_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Animal Feeding Operations (NPS)

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	5100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Bowen Creek 0.0 to 1.5	1.5 miles	KY510866_01	5100203	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	5100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	5100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Brush Creek 0.0 to 6.6	6.6 miles	KY510969_00	5100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	5100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	5100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	05100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown
Bull Creek 0.0 to 2.0	2 miles	KY511048_00	5100203	Knox	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production
Cane Run 0.0 to 3.0	3 miles	KY488799_01	5100205	Scott	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Package Plant or Other Permitted Small Flows Discharges, Unspecified Urban Stormwater

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cane Run 0.0 to 3.0	3 miles	KY488799_01	5100205	Scott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Non-Irrigated Crop Production, Package Plant or Other Permitted Small Flows Discharges, Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_01	5100205	Scott	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Non-Irrigated Crop Production
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	5100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Package Plant or Other Permitted Small Flows Discharges
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	5100205	Scott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Package Plant or Other Permitted Small Flows Discharges, Landfills
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	5100205	Scott	5-NS	WAH	Specific Conductance	Highways, Roads, Bridges, Infrastructure (New Construction), Livestock (Grazing or Feeding Operations), Landfills
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	5100205	Fayette	5-NS	PCR, SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	5100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	5100205	Fayette	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	5100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	5100205	Owen	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_01	5100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Managed Pasture Grazing
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	5100201	Knott	5-NS	PCR, SCR	Fecal Coliform, Escherichia coli	Unspecified Domestic Waste
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	5100201	Knott	5-PS	WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_03	5100201	Knott	5-PS	WAH	Total Suspended Solids (TSS)	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Carr Fork 6.2 to 8.9	2.7 miles	KY511230_02	5100201	Knott	5-NS	CAH, WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Carr Fork 6.2 to 8.9	2.7 miles	KY511230_02	5100201	Knott	5-NS	CAH, WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Cat Creek 0.0 to 8.0	8 miles	KY511245_01	5100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	5100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones

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Kentucky River Basin

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	5100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Managed Pasture Grazing, Silviculture Activities
Chambers Fork 0.7 to 1.1	0.4 miles	KY489323_01	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	5100205	Boyle	5-PS	WAH	Ammonia (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	5100205	Boyle	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	5100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Unrestricted Cattle Access, Urban Runoff/Storm Sewers
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_01	5100205	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	5100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Municipal Point Source Discharges, Streambank Modifications/Destabilization
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_02	5100205	Boyle	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	5100205	Boyle	5-NS	PCR	Escherichia coli	Source Unknown
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	5100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Urban Runoff/Storm Sewers

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Kentucky River Basin

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_03	5100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/Destabilization
Collins Fork 2.4 to 6.3	3.9 miles	KY511474_00	5100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	5100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Silviculture Activities, Streambank Modifications/Destabilization, Surface Mining
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	5100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Copper Creek 0.0 to 2.2	2.2 miles	KY511529_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Crane Creek 0.0 to 5.4	5.4 miles	KY511620_01	5100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_01	5100201	Lee	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_01	5100201	Lee	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills
Cutshin Creek 9.7 to 10.7	1 miles	KY511693_01	5100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
David Fork 0.0 to 1.65	1.65 miles	KY490622_01	5100205	Fayette	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Managed Pasture Grazing
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	5100201	Knott	5-NS	PCR, SCR	Fecal coliform	Source Unknown, Unspecified Domestic Waste
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	5100201	Knott	5-NS	CAH, WAH	Selenium	Mountaintop Mining, Surface Mining
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	5100201	Knott	5-NS	CAH, SWAH	Specific Conductance	Mountaintop Mining, Surface Mining
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_01	5100201	Knott	5-NS	CAH, WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Dix River 33.3 to 36.1	2.8 miles	KY517054_02	5100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture
Dix River 36.1 to 43.8	7.7 miles	KY517054_03	5100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Dix River 64.3 to 73.35	9.05 miles	KY517054_04	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Dix River 73.35 to 78.7	5.35 miles	KY517054_05	5100205	Rockcastle	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Drakes Creek 1.15 to 7.3	6.15 miles	KY491093_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	5100205	Scott	5-PS	WAH	Cause Unknown	Managed Pasture Grazing, Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	5100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	5100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Source Unknown
Duck Fork 0.0 to 4.8	4.8 miles	KY511938_01	5100204	Lee	5-PS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	5100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	5100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	5100205	Grant	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	5100205	Grant	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
East Fork Otter Creek 0.0 to 2.7	2.7 miles	KY491474_00	5100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
East Hickman Creek 4.2 to 10.2	6 miles	KY491487_01	5100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
East Hickman Creek 4.2 to 10.2	6 miles	KY491487_01	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Elk Creek 0.0 to 1.6	1.6 miles	KY491658_00	5100205	Owen	5-PS	WAH	Cause Unknown	Source Unknown
Elkhorn Creek 0.0 to 18.2	18.2 miles	KY491690_01	05100205	Franklin	5-PS	FC	Methylmercury	Source Unknown
Flat Creek 0.0 to 7.1	7.1 miles	KY492179_00	5100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	5100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	5100201	Knott	5-NS	WAH	Iron	Mountaintop Mining, Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Frog Branch 0.0 to 3.4	3.4 miles	KY492562_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Animal Feeding Operations (NPS)
Frozen Creek 0.0 to 13.9	13.9 miles	KY492582_01	5100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation
Gilberts Creek 0.0 to 1.25	1.25 miles	ky492826_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Goose Creek 0.0 to 1.8	1.8 miles	KY493013_01	5100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related)
Goose Creek 0.0 to 1.8	1.8 miles	KY493013_01	5100205	Shelby	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related)
Goose Creek 0.0 to 8.3	8.3 miles	KY512349_01	5100203	Clay	5-PS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Goose Creek 1.85 to 4.2	2.35 miles	KY493013_02	5100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture, Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	5100201	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	5100201	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	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Surface Mining, Streambank Modifications/Destabilization
Hanging Fork of Dix River 0.0 to 15.85	15.85 miles	KY493684_01	5100205	Lincoln	5-NS	PCR	Fecal Coliform, Escherichia coli	Agriculture, Livestock (Grazing or Feeding Operations), Non-Irrigated Crop Production, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hanging Fork of Dix River 15.85 to 24.15	8.3 miles	KY493684_02	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Hanging Fork of Dix River 24.15 to 27.6	3.45 miles	KY493684_03	5100205	Lincoln	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hanging Fork of Dix River 27.6 to 32.2	4.6 miles	KY493684_04	5100205	Lincoln	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hardwick Creek 0.0 to 3.2	3.2 miles	KY512561_00	5100204	Powell	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Harris Creek 0.0 to 6.25	6.25 miles	KY493804_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Hatton Creek 0.0 to 4.2	4.2 miles	KY512588_00	5100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	5100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining
Hector Branch 0.0 to 5.5	5.5 miles	KY512629_01	5100203	Clay	5-PS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	5100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	5100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production
Hickman Creek 0.0 to 6.0	6 miles	KY494112_01	5100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_01	5100201	Wolfe	5-PS	WAH	Cause Unknown	Source Unknown
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_01	5100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining
Horse Creek 0.0 to 8.3	8.3 miles	KY512793_01	5100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Surface Mining
Indian Creek 2.6 to 7.8	5.2 miles	KY512905_02	5100204	Menifee	5-PS	CAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining
Indian Creek 2.6 to 7.8	5.2 miles	KY512905_02	5100204	Menifee	5-PS	CAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_01	5100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_01	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Residential Districts
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_01	5100204	Wolfe	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Residential Districts
Judy Creek 0.0 to 1.5	1.5 miles	KY513089_01	5100204	Powell	5-NS	WAH	Cause Unknown	Source Unknown
Kentucky River 0.3 to 11.5	11.2 miles	KY513130_01	5100205	Owen	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Kentucky River 121.1 to 138.5	17.4 miles	KY513130_08	5100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 153.75 to 209.8	56.05 miles	KY513130_10	5100204	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 53.2 to 66.95	13.75 miles	KY513130_03	5100205	Franklin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 67.0 to 84.25	17.25 miles	KY513130_04	5100205	Franklin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 99.1 to 119.9	20.8 miles	KY513130_06	5100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Knoblick Creek 0.0 to 4.8	4.8 miles	KY495849_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Animal Feeding Operations (NPS), Unrestricted Cattle Access
Lacy Creek 0.0 to 7.25	7.25 miles	KY495895_01	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining
Laurel Creek 3.8 to 4.8	1 miles	KY513241_00	5100203	Clay	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Non-Irrigated Crop Production

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Leatherwood Creek 1.55 to 3.1	1.55 miles	KY496126_01	5100202	Perry	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Island Creek 0.0 to 5.0	5 miles	KY513314_00	5100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	5100201	Letcher	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	5100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	5100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_01	5100205	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	5100205	Carroll	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Post-Development Erosion and Sedimentation, Unspecified Urban Stormwater
Line Fork 9.1 to 11.6	2.5 miles	KY513437_01	5100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Line Fork 11.6 to 27.5	15.9 miles	KY513437_02	5100201	Letcher	5-PS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	5100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	5100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Little Willard Creek 0.0 to 2.5	2.5 miles	KY513541_01	5100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation, Site Clearance (Land Development or Redevelopment), Streambank Modifications/Destabilization, Surface Mining
Little Willard Creek 0.0 to 2.5	2.5 miles	KY513541_01	5100201	Perry	5-NS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment), Surface Mining
Logan Creek 0.0 to 3.15	3.15 miles	KY496980_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	5100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	5100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Lost Creek 0.0 to 3.7	3.7 miles	KY497178_01	5100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	5100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_03	5100202	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lotts Creek 0.4 to 1.0	0.6 miles	KY497201_01	5100201	Knott	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment)
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	5100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	5100201	Perry	5-NS	WAH	Total Dissolved Solids	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	5100201	Perry	5-NS	WAH	Turbidity	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/Destabilization
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	5100205	Clark	5-NS	WAH	Cause Unknown	Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures)

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	5100205	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	5100205	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations), Source Unknown, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Lulbegrud Creek 0.0 to 7.3	7.3 miles	KY497344_01	5100204	Clark	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_01	5100205	Jessamine	5-PS	WAH	Cause Unknown	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_01	5100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/Destabilization
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	5100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	5100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
McKinney Branch 0.0 to 1.9	1.9 miles	KY497908_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Meadow Creek 0.5 to 3.7	3.2 miles	KY513890_01	5100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production
Middle Fork Kentucky River 6.45 to 12.6	6.15 miles	KY513931_01	5100202	Lee	5-PS	PCR	Escherichia coli	Agriculture, Loss of Riparian Habitat
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	5100202	Leslie	5-PS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	5100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Non-Irrigated Crop Production, Rangeland Grazing
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	5100202	Leslie	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Activities, Reclamation of Inactive Mining, Surface Mining
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_03	5100202	Leslie	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Mill Creek 0.0 to 3.3	3.3 miles	KY498258_01	5100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Mill Creek 0.0 to 3.3	3.3 miles	KY498258_01	5100201	Letcher	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Mocks Branch 1.6 to 5.7	4.1 miles	KY498468_01	5100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/Destabilization
Moseby Branch 0.0 to 2.2	2.2 miles	KY498657_00	5100205	Owen	5-NS	WAH	Cause Unknown	Source Unknown
Muddy Creek 0.0 to 20.2	20.2 miles	KY514141_01	5100205	Madison	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Muncy Creek 2.7 to 4.7	2 miles	KY514159_01	5100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Noland Creek 0.05 to 1.2	1.15 miles	KY499508_01	5100204	Estill	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	5100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	5100205	Franklin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	5100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Highways, Roads, Bridges, Infrastructure (New Construction)
North Elkhorn Creek 44.75 to 66.0	21.25 miles	KY499540_03	5100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	5100205	Fayette	5-NS	PCR	Fecal Coliform	Source Unknown
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	5100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_04	5100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	5100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	5100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation
North Fork of Kentucky River 145.5 to 147.9	2.4 miles	KY514290_14	5100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification, Municipal Point Source Discharges, Non-Irrigated Crop Production, Urban Runoff/Storm Sewers
North Fork of Kentucky River 147.9 to 162.0	14.1 miles	KY514290_15	5100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Package Plant or Other Permitted Small Flows Discharges, Silviculture Activities, Urban Runoff/Storm Sewers
Paint Lick Creek 0.0 to 7.5	7.5 miles	KY500121_01	05100205	Garrard	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Peyton Creek 0.0 to 4.1	4.1 miles	KY500504_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	Animal Feeding Operations (NPS)
Plum Branch 0.0 to 3.9	3.9 miles	KY514662_01	5100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization
Polls Creek 0.0 to 4.7	4.7 miles	KY514679_00	5100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	5100201	Letcher	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	5100201	Letcher	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Puncheon Camp Creek 0.0 to 3.2	3.2 miles	KY501441_00	5100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	5100201	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	5100201	Breathitt	5-PS	PCR	Fecal Coliform	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	05100201	Breathitt	5-PS	WAH	Turbidity	Coal Mining, Streambank Modifications/Destabilization, Loss of Riparian Habitat
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Habitat Modification - other than Hydromodification, Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Silviculture Activities, Streambank Modifications/Destabilization, Surface Mining
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	5100201	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Habitat Modification - other than Hydromodification, Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Silviculture Activities, Streambank Modifications/Destabilization, Surface Mining
Rattlesnake Creek 0.0 to 1.2	1.2 miles	KY501593_01	5100205	Grant	5-NS	WAH	Cause Unknown	Source Unknown
Red Bird River 0.0 to 15.3	15.3 miles	KY514862_01	5100203	Clay	5-PS	PCR	Fecal Coliform	Agriculture
Red Lick Creek 0.0 to 5.0	5.0 miles	KY510193_01	05100204	Estill	5-PS	PCR	Escherichia coli	Source Unknown
Red River 64.1 to 67.6	3.5 miles	KY514872_04	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Red River 70.0 to 83.9	13.9 miles	KY514872_05	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Managed Pasture Grazing
Red River 89.5 to 93.4	3.9 miles	KY514872_06	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Richland Creek 0.0 to 0.8	0.8 miles	KY501823_00	5100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Specialty Crop Production
Right Fork Lacy Creek 0.0 to 2.2	2.2 miles	KY501895_01	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	5100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	5100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	5100201	Letcher	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	5100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	5100201	Letcher	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	05100201	Letcher	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining
Rose Fork 0.0 to 3.1	3.1 miles	KY502332_01	5100204	Wolfe	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Salt River of Sixmile Creek 0.0 to 4.5	4.5 miles	KY502831_01	5100205	Henry	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Sexton Creek 0.1 to 17.2	17.1 miles	KY515329_01	5100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-Construction Related)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Silver Creek 11.1 to 29.8	18.7 miles	KY503507_02	5100205	Madison	5-NS	WAH	Sedimentation/ Siltation	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 miles	KY503736_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Smith Branch 0.7 to 2.5	1.8 miles	KY503736_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Snow Creek 0.0 to 3.9	3.9 miles	KY515528_01	5100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Post-Development Erosion and Sedimentation
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	5100205	Franklin	5-PS	WAH	Chlorine	Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	5100205	Franklin	5-NS	PCR	Fecal Coliform	Agriculture, Managed Pasture Grazing, Manure Runoff, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	5100205	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)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_01	5100205	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
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	5100205	Woodford	5-PS	WAH	Chlorine	Municipal Point Source Discharges
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	5100205	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	5100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	5100205	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	5100205	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	5100205	Woodford	5-PS	WAH	Total Dissolved Solids	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Rangeland Grazing
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-PS	WAH	Chlorine	Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-NS	PCR	Fecal Coliform	Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	5100205	Woodford	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat
South Fork Kentucky River 11.75 to 18.9	7.15 miles	KY515545_01	5100203	Owsley	5-NS	PCR	Escherichia coli	Source Unknown
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	5100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	5100205	Boyle	5-PS	WAH	Cause Unknown	Source Unknown
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	5100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_01	5100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Streambank Modifications/Destabilization
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	5100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_01	5100202	Perry	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Surface Mining
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_01	5100202	Perry	5-PS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment), Surface Mining
Station Camp Creek 0.0 to 21.3	21.3 miles	KY515669_01	5100204	Jackson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Non-Irrigated Crop Production, Other Recreational Pollution Sources
Steeles Run 0.0 to 5.1	5.1 miles	KY504312_01	5100205	Fayette	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Manure Runoff
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	5100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	5100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
Stillwater Creek 0.0 to 3.5	3.5 miles	KY515715_01	5100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Surface Mining
Stinnett Creek 1.3 to 4.7	3.4 miles	KY515718_01	5100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Residential Districts, Site Clearance (Land Development or Redevelopment)
Sturgeon Creek 8.0 to 12.2	4.2 miles	KY515768_01	5100204	Lee	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production, Surface Mining
Sugar Creek 4.8 to 6.0	1.2 miles	KY504657_01	5100205	Garrard	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related)

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	5100205	Henry	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	5100205	Henry	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Swift Camp Creek 0.0 to 13.95	13.95 miles	KY515834_01	5100204	Wolfe	5-PS	CAH	Cause Unknown	Source Unknown
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	5100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	5100205	Madison	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	5100205	Grant	5-PS	WAH	Cause Unknown	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	5100205	Grant	5-NS	PCR	Escherichia coli	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_01	5100205	Grant	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Three Forks Creek 0.0 to 7.6	7.6 miles	KY505232_00	5100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	5100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	5100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	5100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	5100205	Fayette	5-NS	PCR, SCR	Fecal Coliform	Municipal (Urbanized High Density Area), Unspecified Urban Stormwater
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	5100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	5100205	Fayette	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	5100205	Fayette	5-NS	WAH	Specific Conductance	Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	5100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	5100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Municipal Point Source Discharges, Urban Runoff/Storm Sewers

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Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	5100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Town Branch 9.2 to 10.8	1.6 miles	KY505386_02	5100205	Fayette	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Municipal Point Source Discharges
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_01	5100201	Knott	5-PS, 5-NS	PCR, SCR	Fecal Coliform, Escherichia coli	Source Unknown, Unspecified Domestic Waste
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_01	5100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining, Surface Mining
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_01	5100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining, Surface Mining
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	5100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	5100201	Breathitt	5-NS	WAH	Specific Conductance	Coal Mining, Municipal Point Source Discharges, Petroleum/Natural Gas Activities, Petroleum/Natural Gas Production Activities (Permitted)
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	5100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Municipal Point Source Discharges, Petroleum/Natural Gas Activities
Upper Devil Creek 0.0 to 1.0	1 miles	KY516120_00	5100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Inappropriate Waste Disposal, Reclamation of Inactive Mining, Silviculture Activities, Surface Mining
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	5100205	Clark	5-PS	WAH	Cause Unknown	Source Unknown

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	5100205	Clark	5-PS	WAH	Sedimentation/ Siltation	Rangeland Grazing
Upper Jacks Creek 0.0 to 2.2	2.2 miles	KY516133_01	5100203	Clay	5-PS	WAH	Cause Unknown	Source Unknown
Upper Twin Creek 0.0 to 3.6	3.6 miles	KY505917_00	5100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
UT of North Elkhorn Creek 0.0 to 3.5	3.5 MILES	KY499540-71.1_01	5100205	Fayette	5-NS	PCR	Escherichia coli	Discharges from Municipal Separate Storm Sewer Systems (MS4), Municipal (Urbanized High Density Area), Residential Districts, Sanitary Sewer Overflows (Collection System Failures), Wet Weather Discharges (Non-Point Source)
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	5100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	5100205	Scott	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production, Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_01	5100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production, Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run at mile point 10.8	2.4 miles	KY488799-10.8_01	5100205	Fayette	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production
UT to Cane Run at mile point 10.8	2.4 miles	KY488799-10.8_01	5100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Cane Run at Mile Point 12.9	2.1 miles	KY488799-12.9_01	5100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production, Unspecified Urban Stormwater
UT to East Hickman Creek 0.8 to 2.2	1.4 miles	KY491487-11.8_02	5100205	Fayette	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	5100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Surface Mining
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	5100201	Perry	5-NS	WAH	Temperature, water	Channelization, Loss of Riparian Habitat, Surface Mining
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	5100201	Perry	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	5100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Post-Development Erosion and Sedimentation, Streambank Modifications/Destabilization
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	5100205	Fayette	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing
UT to North Branch Lulbegrud Creek 0.0 to 2.2	2.2 miles	KY497344-2.3_01	5100204	Montgomery	5-NS	WAH	Cause Unknown	Source Unknown

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Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to North Elkhorn Creek 0.0 to 3.5	3.5 miles	KY499540-71.1_01	5100205	Fayette	5-NS	PCR	Escherichia coli	Discharges from Municipal Separate Storm Sewer Systems (MS4), Municipal (Urbanized High Density Area), Residential Districts, Sanitary Sewer Overflows (Collection System Failures), Wet Weather Discharges (Non-Point Source)
UT to Smith Fork 0.0 to 0.55	0.55 miles	KY503789_01	5100205	Madison	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Surface Mining
UT to Swift Camp Creek 0.0 to 1.5	1.5 miles	KY515834-11.97_00	5100204	Wolfe	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation, Septage Disposal
UT to Trace Fork 0.05 to 0.7	0.7 miles	KY505441-1.25_01	5100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
West Fork Mill Creek 0.0 to 1.0	1 miles	KY506440_00	5100205	Carroll	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.1	3 miles	KY506457_01	5100205	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	5100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_01	5100205	Jessamine	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Unspecified Urban Stormwater

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Residential Districts, Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	5100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Residential Districts, Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	5100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_02	5100205	Fayette	5-PS	WAH	Specific Conductance	Residential Districts
White Lick Creek 0.0 to 2.8	2.8 miles	KY506590_00	5100205	Garrard	5-PS	WAH	Total Suspended Solids (TSS)	Non-Irrigated Crop Production, Specialty Crop Production
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	5100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	5100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Municipal Point Source Discharges
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	5100205	Garrard	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_01	5100205	Garrard	5-NS	WAH	Total Dissolved Solids	Loss of Riparian Habitat, Managed Pasture Grazing, Municipal Point Source Discharges
White Oak Creek 0.0 to 3.4	3.4 miles	KY506612_01	5100205	Lincoln	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	5100205	Fayette	5-NS	PCR, SCR	Fecal Coliform	Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	5100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization, Loss of Riparian Habitat, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_01	5100205	Fayette	5-PS	WAH	Specific Conductance	Channelization, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Wooten Creek 0.0 to 3.0	3 miles	KY516483_00	5100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown

Kentucky Basin Unit 303(d) List
Kentucky River Basin
Springs

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Royal Spring 0.0 to 0.7	0.7 miles	KY499540-33.6_01	5100205	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	KY499540-33.6_01	5100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing, Non-Irrigated Crop Production, Unspecified Urban Stormwater

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Boltz Lake	92 acres	KY487648_01	5100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unspecified Urban Stormwater
Boltz Lake	92 acres	KY487648_01	5100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture, Unspecified Urban Stormwater
Bullock Pen Lake	134 acres	KY488380_01	5100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bullock Pen Lake	134 acres	KY488380_01	5100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Carr Fork Reservoir	710 acres	KY488975_00	5100201	Knott	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Cedar Creek Lake	784 acres	KYCLN211_00	5100205	Lincoln	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Elmer Davis Lake	149 acres	KY2567392_01	5100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Elmer Davis Lake	149 acres	KY2567392_01	5100205	Owen	5-PS	WAH	Oxygen, Dissolved	Agriculture
Herrington Lake	2940 acres	KY494090_01	5100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Internal Nutrient Recycling, Municipal Point Source Discharges, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Herrington Lake	2940 acres	KY494090_01	5100205	Garrard	5-NS	WAH	Oxygen, Dissolved	Internal Nutrient Recycling, Municipal Point Source Discharges, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Kentucky Basin Unit 303(d) List

Kentucky River Basin

Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Herrington Lake	2941 acres	KY494090_02	5100206	Garrard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Lake Reba	78 acres	KY501636_01	5100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses, Unspecified Urban Stormwater
Lake Reba	78 acres	KY501636_01	5100205	Madison	5-PS	WAH	Oxygen, Dissolved	Golf Courses, Unspecified Urban Stormwater
Wilgreen Lake	169 acres	KY505023_01	5100205	Madison	5-PS	SCR	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Non-Irrigated Crop Production, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilgreen Lake	169 acres	KY505023_01	5100205	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)

Salt-Licking Basin Unit 303(d) List
Licking River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Allison Creek 0.0 to 4.9	4.9 miles	KY485886_00	5100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Allison Creek 0.0 to 4.9	4.9 miles	KY485886_00	5100101	Fleming	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Animal Feeding Operations (NPS)
Allison Creek 0.0 to 4.9	4.9 miles	KY485886_00	5100101	Fleming	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	5100101	Kenton	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	5100101	Kenton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	5100101	Kenton	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	5100101	Kenton	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Urban Runoff/Storm Sewers
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	5100101	Kenton	5-NS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	5100101	Kenton	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

Salt-Licking Basin Unit 303(d) List
Licking River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	5100101	Kenton	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	5100101	Kenton	5-NS	WAH	Sedimentation/Siltation	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	5100101	Kenton	5-PS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	5100101	Kenton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	5100101	Kenton	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek 10.0 to 14.4	4.4 miles	KY510489_00	5100101	Menifee	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing, Non-Irrigated Crop Production
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Coal Mining, Loss of Riparian Habitat, Rural (Residential Areas)
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_01	5100101	Magoffin	5-NS	WAH	Specific Conductance	Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Licking River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Blacks Creek 0.0 to 3.4	3.4 miles	KY487421_00	5100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Blacks Creek 0.0 to 3.4	3.4 miles	KY487421_00	5100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Blackwater Creek 3.8 to 11.7	7.9 miles	KY510765_01	5100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Boone Creek 0.0 to 5.0	5 miles	KY487686_00	5100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Boone Creek 0.0 to 5.0	5 miles	KY487686_00	5100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Broadtree Fork 0.0 to 1.6	1.6 miles	KY487936_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Loss of Riparian Habitat, Rural (Residential Areas), Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Broke Leg Creek 0.0 to 1.0	1 miles	KY510936_01	5100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Broke Leg Creek 1.0 to 4.4	3.4 miles	KY510936_02	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Runoff from Forest/Grassland/Parkland, Upstream Source

Salt-Licking Basin Unit 303(d) List
Licking River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Brushy Fork 0.0 to 5.8	5.8 miles	KY488131_01	5100101	Pendleton	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Runoff from Forest/Grassland/Parkland, Streambank Modifications/Destabilization
Buffalo Creek 0.0 to 2.85	2.85 miles	KY488315_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Non-Point Source
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_01	5100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_01	5100101	Magoffin	5-NS	WAH	Sedimentation/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	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	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 miles	KY511201_00	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Streambank Modifications/Destabilization, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caney Creek 0.0 to 4.2	4.2 miles	KY511201_00	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries Surface Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Caskey Fork 0.0 to 2.3	2.3 miles	KY489059_01	5100101	Morgan	5-NS	WAH	Cause Unknown	Source Unknown
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	5100101	Rowan	5-PS	WAH	Cause Unknown	Non-Irrigated Crop Production
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	5100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Clarks Run 0.0 to 2.1	2.1 miles	KY489555_01	5100101	Mason	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Coffee Creek 0.0 to 4.1	4.1 miles	KY489772_01	5100101	Morgan	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Streambank Modifications/Destabilization
Cooper Run 0.0 to 10.1	10.1 miles	KY490062_00	5100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Craintown Branch 0.0 to 3.6	3.6 miles	KY490277_00	5100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Crane Creek 0.0 to 2.9	2.9 miles	KY511622_01	5100101	Fleming	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Crooked Creek 0.0 to 9.1	9.1 miles	KY490377_00	5100101	Nicholas	5-NS	PCR	Fecal Coliform	Source Unknown
Doty Branch 0.0 to 2.3	2.3 miles	KY492236-12.8_01	5100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Animal Feeding Operations (NPS)
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	5100101	Rowan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	5100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	5100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Urban Runoff/Storm Sewers
Elk Fork 0.0 to 4.9	4.9 miles	KY512038_01	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture, Habitat Modification - other than Hydromodification, Silviculture Activities
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	5100101	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	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 12.6 to 14.7	2.1 miles	KY512038_03	5100101	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	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
Fannins Branch 1.5 to 3.4	1.9 miles	KY491979_01	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Flat Creek 0.0 to 0.9	0.9 miles	KY492182_00	5100101	Bath	5-NS	PCR	Fecal Coliform	Source Unknown
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	5100102	Bourbon	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	5100102	Bourbon	5-NS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	5100101	Fleming	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS)

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Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	5100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_02	5100101	Fleming	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	5100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	5100101	Fleming	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	5100101	Fleming	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS), Urban Runoff/Storm Sewers
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	5100101	Fleming	5-PS	PCR, SCR	Fecal Coliform	Source Unknown
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	5100101	Fleming	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Natural Sources
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_02	5100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Dredging (e.g., for Navigation Channels), Natural Sources, Silviculture Activities
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_02	5100101	Fleming	5-NS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Natural Sources, Silviculture Harvesting
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	5100101	Morgan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Green Creek 0.0 to 8.15	8.15 miles	KY493267_01	5100102	Bourbon	5-PS	WAH	Specific Conductance	Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Non-Point Source
Green Creek 8.45 to 9.7	1.25 miles	KY493267_02	5100102	Clark	5-PS	WAH	Specific Conductance	Agriculture, Loss of Riparian Habitat, Non-Point Source
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_01	5100102	Clark	5-NS	WAH	Nutrient/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	5100102	Clark	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_01	5100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Golf Courses, Non-Point Source, Urban Runoff/Storm Sewers
Hinkston Creek 0.0 to 12.6	12.6 miles	KY494298_01	5100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Hinkston Creek 20.8 to 31.0	10.2 miles	KY494298_03	5100102	Bourbon	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	5100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	5100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Agriculture
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_06	5100102	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	5100102	Montgomery	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	5100102	Clark	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat, Non-Point Source

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Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	5100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Non-Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_01	5100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Non-Point Source
Houston Creek 0.0 to 9.0	9 miles	KY494646_01	5100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Houston Creek 9.0 to 12.7	3.7 miles	KY494646_02	5100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Golf Courses
Howard Branch 0.0 to 2.0	2 miles	KY494651_01	5100101	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
Johnson Creek 0.0 to 3.5	3.5 miles	KY495400_01	5100101	Robertson	5-NS	PCR	Fecal Coliform	Source Unknown
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	5100102	Clark	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat, Non-Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	5100102	Clark	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Non-Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_01	5100102	Clark	5-PS	WAH	Specific Conductance	Agriculture, Non-Point Source
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_01	5100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Coal Mining
Johnson Creek 6.0 to 8.6	2.6 miles	KY495397_02	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas)
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_01	5100101	Mason	5-PS	WAH	Nutrient/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	5100101	Mason	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Left Fork of Johnson Creek 0.0 to 3.15	3.15 miles	KY495397-5.9_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Non-Point Source
Left Fork of Licking River 0.0 to 1.4	1.4 miles	KY504179_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture, Coal Mining, Loss of Riparian Habitat, Mountaintop Mining, Non-Point Source, Rural (Residential Areas)
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_00	5100101	Morgan	5-PS	WAH	Sedimentation/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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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_00	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
Lick Branch 0.0 to 2.3	2.3 miles	KY496428_01	5100101	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 2.15	2.15 miles	KY496483_01	5100101	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
Lick Creek 2.15 to 4.6	2.45 miles	KY496483_02	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Non-Point Source, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Licking River 0.0 to 4.8	4.8 miles	KY513416_01	5100101	Campbell	5-PS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Licking River 4.8 to 14.9	10.1 miles	KY513416_02	5100101	Campbell	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 31.0 to 37.6	6.6 miles	KY513416_04	5100101	Kenton	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 174.4 to 180.8	6.4 miles	KY513416_11	5100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 224.3 to 241.3	17 miles	KY513416_12	5100101	Morgan	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Source Unknown
Licking River 265.0 to 271.6	6.6 miles	KY513416_13	5100101	Magoffin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Silviculture Activities
Licking River 265.0 to 271.6	6.6 miles	KY513416_13	5100101	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Silviculture Activities
Licking River 265.0 to 271.6	6.6 miles	KY513416_13	5100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Coal Mining, Loss of Riparian Habitat, Mountaintop Mining, Non-Point Source, Petroleum/Natural Gas Activities, Rural (Residential Areas), Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Licking River 265.0 to 271.6	6.6 miles	KY513416_13	5100101	Magoffin	5-PS	WAH	Specific Conductance	Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Activities, Rural (Residential Areas)
Licking River 265.0 to 271.6	6.6 miles	KY513416_12	05100101	Magoffin	5-PS	WAH	Turbidity	Silviculture Activities
Licking River 271.6 to 294.1	22.5 miles	KY513416_14	5100101	Magoffin	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Coal Mining, Loss of Riparian Habitat, Non-Point Source, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Streambank Modifications/Destabilizatio
Licking River 271.6 to 294.1	22.5 miles	KY513416_14	5100101	Magoffin	5-PS	WAH	Specific Conductance	Coal Mining, Mountaintop Mining, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas)
Licking River 294.1 to 302.4	8.3 miles	KY513416_15	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_01	5100101	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	5100101	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)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Stoner Creek 0.0 to 5.0	5 miles	KY496870_00	5100102	Clark	5-NS	PCR	Fecal Coliform	Source Unknown
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_01	5100101	Fleming	5-PS	WAH	Nutrient/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	5100101	Fleming	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Logan Run 0.0 to 2.3	2.3 miles	KY496986_00	5100101	Fleming	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Long Branch 0.0 to 3.9	3.9 miles	KY497039_01	5100101	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	5100101	Magoffin	5-NS	WAH	Specific Conductance	Agriculture, Coal Mining, Mountaintop Mining, Non-Point Source, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Mash Fork 0.0 to 3.0	3 miles	KY497650_01	5100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork of Licking River 0 to 2.5	2.5 miles	KY498128_01	5100101	Magoffin	5-NS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Mill Creek 0.0 to 21.6	21.6 miles	KY498263_01	5100102	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	5100102	Harrison	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
North Fork Licking River 8.4 to 12.0	3.6 miles	KY514292_01	5100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork Licking River 12.0 to 13.1	1.1 miles	KY514292_02	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Upstream Source
North Fork Licking River 18.5 to 52.5	34 miles	KY499554_02	5100101	Bracken	5-NS	PCR	Fecal Coliform	Agriculture
North Fork Licking River 18.5 to 52.5	34 miles	KY499554_02	5100101	Bracken	5-NS	WAH	Sedimentation/Siltation	Agriculture
Oldfield Fork 0.0 to 3.6	3.6 miles	KY499901_01	5100101	Morgan	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Phillips Creek 0.0 to 5.3	5.3 miles	KY500540_00	5100101	Campbell	5-NS	PCR	Fecal Coliform	Source Unknown
Pretty Run 0.0 to 8.0	8 miles	KY501310_01	5100102	Clark	5-NS	WAH	Cause Unknown	Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Non-Point Source
Prickly Ash Creek 0.0 to 3.1	3.1 miles	KY514770_00	5100101	Bath	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Puncheon Camp Creek 0.0 to 1.1	1.1 miles	KY501442_00	5100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Right Fork of Middle Fork of Licking River 3.1 to 4.6	1.5 miles	KY501899_01	5100101	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
Rock Fork 0.0 to 4.0	4 miles	KY515026_01	5100101	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	5100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels)
Salt Lick Creek 3.0 to 8.0	5 miles	KY515191_01	5100101	Bath	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Rangeland Grazing
Scrubgrass Creek 0.0 to 1.6	1.6 miles	KY503123_00	5100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown
Slate Creek 0.0 to 13.6	13.6 miles	KY515470_01	5100101	Bath	5-PS	PCR	Fecal Coliform	Source Unknown
Spruce Creek 0.0 to 1.7	1.7 miles	KY504170_01	5100101	Montgomery	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
State Road Fork 0.0 to 5.8	5.8 miles	KY504284_01	5100101	Magoffin	5-NS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Coal Mining, Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Rural (Residential Areas), Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
State Road Fork 0.0 to 5.8	5.8 miles	KY504284_01	5100101	Magoffin	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted), Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
Stinson Creek 0.0 to 3.3	3.3 miles	KY504434_01	5100101	Magoffin	5-NS	WAH	Sedimentation/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 5.5	5.5 miles	KY504482_01	5100102	Bourbon	5-PS	PCR	Fecal Coliform	Source Unknown
Stoner Creek 5.5 to 15.0	9.5 miles	KY504482_02	5100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Stony Creek 0.0 to 3.0	3 miles	KY504500_00	5100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Straight Creek 0.0 to 1.8	1.8 miles	KY504549_00	5100101	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	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	5100102	Bourbon	5-PS	PCR	Fecal Coliform, Escherichia coli	Agriculture, Municipal Point Source Discharges, Unspecified Urban Stormwater, Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	5100102	Bourbon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Municipal Point Source Discharges, Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	5100102	Bourbon	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Municipal Point Source Discharges, Non-Point Source, Unspecified Urban Stormwater
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_01	5100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	5100102	Bourbon	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges, Non-Point Source

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	5100102	Bourbon	5-PS	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	5100102	Bourbon	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Municipal Point Source Discharges, Non-Point Source, Unspecified Urban Stormwater
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	5100102	Bourbon	5-PS	WAH	Sedimentation/Siltation	Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_02	5100102	Bourbon	5-PS	WAH	Specific Conductance	Agriculture, Habitat Modification - other than Hydromodification, Municipal Point Source Discharges, Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	5100102	Clark	5-NS	SCR, PCR	Fecal Coliform, Escherichia coli	Agriculture, Municipal Point Source Discharges, Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	5100102	Clark	5-NS	WAH	Nutrient/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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_03	5100102	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Municipal (Urbanized High Density Area), Municipal Point Source Discharges, Non-Point Source, Urban Runoff/Storm Sewers
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	5100101	Campbell	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), Source Unknown
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	5100101	Campbell	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	5100101	Campbell	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)
Townsend Creek 0.0 to 4.9	4.9 miles	KY505401_01	5100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_00	5100101	Magoffin	5-PS	WAH	Sedimentation/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	5100101	Magoffin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Sand/Gravel/Rock Mining or Quarries, Silviculture Harvesting, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_00	05100101	Magoffin	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Sand/Gravel/Rock Mining or Quarries, Streambank Modifications/Destabilization, Surface Mining
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	5100101	Rowan	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges, Source Unknown, Unspecified Urban Stormwater
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	5100101	Rowan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	5100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	5100101	Rowan	5-PS	WAH	Sedimentation/Siltation	Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction), Impacts from Hydrostructure Flow Regulation/Modification, Municipal Point Source Discharges
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672-4.3_01	5100102	Clark	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat, Non-Point Source, Residential Districts

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672-4.3_01	5100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Non-Point Source, Urban Runoff/Storm Sewers
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	5100101	Fleming	5-NS	WAH	Phosphorus (Total)	Dairies (Outside Milk Parlor Areas), Livestock (Grazing or Feeding Operations), Unrestricted Cattle Access
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	5100101	Fleming	5-NS	WAH	Sedimentation/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	5100101	Fleming	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Dairies (Outside Milk Parlor Areas), Livestock (Grazing or Feeding Operations), Unrestricted Cattle Access
UT to Strodes Creek 0.0 to 3.8	3.8 miles	KY504593-22.2_01	5100102	Clark	5-NS	SCR, PCR	Fecal Coliform, Escherichia coli	Agriculture, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers
UT to Strodes Creek 0.0 to 3.8	3.8 miles	KY504593-22.2_01	5100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Strodes Creek 0.0 to 3.8	3.8 miles	KY504593-22.2_01	5100102	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Non-Point Source, Residential Districts, Urban Runoff/Storm Sewers
UT to Strodes Creek 0.0 to 3.8	3.8 miles	KY504593-22.2_01	5100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Non-Point Source, Residential Districts, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	5100101	Mason	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Unrestricted Cattle Access
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	5100101	Mason	5-NS	WAH	Sedimentation/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	5100101	Mason	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Unrestricted Cattle Access
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_01	5100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_01	5100101	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Natural Sources

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	5100102	Clark	5-NS	PCR, SCR	Fecal Coliform	Agriculture, Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	5100102	Clark	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_01	5100102	Clark	5-NS	WAH	Specific Conductance	Agriculture, Non-Point Source

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Licking River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cave Run Lake	8270 acres	KY511277_00	5100101	Rowan	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Doe Run Lake	51 acres	KYCLN082_00	5100101	Kenton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown, Upstream Source
Doe Run Lake	51 acres	KYCLN082_00	5100101	Kenton	5-PS	WAH	Oxygen, Dissolved	Source Unknown, Upstream Source
Kincaid Lake	183 acres	KYCLN045_00	5100101	Pendleton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Kincaid Lake	183 acres	KYCLN045_00	5100101	Pendleton	5-PS	WAH	Oxygen, Dissolved	Agriculture

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	5090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Urban Stormwater
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	5090203	Boone	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater
Big South Fork 2.3 to 4.3	2 miles	KY487259_01	5090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Big South Fork 2.3 to 4.3	2 miles	KY487259_01	5090203	Boone	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities, Site Clearance (Land Development or Redevelopment)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	5090203	Gallatin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	5090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_01	5090203	Gallatin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-Construction Related), Site Clearance (Land Development or Redevelopment)
Bracken Creek 2.8 to 11.0	8.2 miles	KY487783_01	5090201	Bracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS), Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Briery Branch 0.2 to 2.2	2 miles	KY487905_01	5090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Rural (Residential Areas)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Brush Creek 0.0 to 1.6	1.6 miles	KY488069_00	5090201	Campbell	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Cabin Creek 3.6 to 11.3	7.7 miles	KY488566_00	5090201	Mason	5-NS	WAH	Sedimentation/Siltation	Agriculture, Habitat Modification - other than Hydromodification
Clary Branch 0.0 to 1.9	1.9 miles	KY489562_01	5090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Highway/Road/Bridge Runoff (Non-Construction Related), Runoff from Forest/Grassland/Parkland
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	5090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Municipal Point Source Discharges, Unspecified Urban Stormwater
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	5090203	Boone	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Municipal Point Source Discharges, Unspecified Urban Stormwater
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	5090203	Gallatin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	5090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	5090203	Gallatin	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-Construction Related), Livestock (Grazing or Feeding Operations)
Fourmile Creek 0.2 to 8.5	8.3 miles	KY492390_01	5090201	Campbell	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Sanitary Sewer Overflows (Collection System Failures)
Goose Creek 0.0 to 1.9	1.9 miles	KY493006_00	5090201	Bracken	5-PS	WAH	Cause Unknown	Natural Sources, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Gunpowder Creek 0.0 to 15.0	15 miles	KY493502_01	5090203	Boone	5-NS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unspecified Urban Stormwater, Site Clearance (Land Development or Redevelopment)
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Unspecified Urban Stormwater
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	05090203	Boone	5-NS	WAH	Sedimentation/Siltation	Agriculture, Unspecified Urban Stormwater, Streambank Modifications/destabilization, Site Clearance (Land Development or Redevelopment), Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related)
Gunpowder Creek 18.9 to 21.6	2.7 miles	KY493502_03	5090203	Boone	5-PS	WAH	Cause Unknown	Unspecified Urban Stormwater
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	5090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Silviculture Activities
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	5090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Sewage Discharges in Unsewered Areas
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	5090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Silviculture Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	05090201	Lewis	5-PS	WAH	Turbidity	Dredging (E.g., for Navigation Channels), Silviculture Activities
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_01	5140104	Breckinridge	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing, Non-Irrigated Crop Production
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_01	5140104	Breckinridge	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Little Kentucky River 21.5 to 27.65	6.15 miles	KY496778_02	5140101	Henry	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Livestock (Grazing or Feeding Operations)
Little Kentucky River 21.5 to 27.65	6.15 miles	KY496778_02	5140101	Henry	5-PS	WAH	Sedimentation/Siltation	Agriculture
Locust Creek 0.0 to 4.1	4.1 miles	KY496941_01	5090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown
Locust Creek 4.1 to 12.2	8.1 miles	KY496941_02	5090201	Bracken	5-NS	WAH	Cause Unknown	Source Unknown
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_01	5090203	Boone	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_01	5090203	Boone	5-PS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment), Silviculture Activities
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	5090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	5090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Sewage Discharges in Unsewered Areas

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	5090201	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)
Salt Lick Creek 0.2 to 7.2	7 miles	KY502828_01	5090201	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
Snag Creek 0.5 to 5.5	5 miles	KY503833_00	5090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	5090203	Boone	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	5090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	5090203	Boone	5-NS	WAH	Sedimentation/Siltation	Agriculture, Post-Development Erosion and Sedimentation, Site Clearance (Land Development or Redevelopment)
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	05090203	Boone	5-NS	WAH	Turbidity	Agriculture, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation, Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 4.1 to 6.8	2.7 miles	KY503926_02	5090203	Boone	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_01	5090201	Campbell	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_01	5090201	Campbell	5-PS	WAH	Sedimentation/Siltation	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 miles	KY505424_01	5090201	Lewis	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Silviculture Activities
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	5090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Sewage Discharges in Unsewered Areas
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	5090201	Lewis	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Silviculture Activities
Woolper Creek 2.8 to 7.2	4.4 miles	KY485711_01	5090203	Boone	5-NS	PCR	Fecal Coliform	Agriculture
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	5090203	Boone	5-NS	WAH	Cause Unknown	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	5090203	Boone	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Ohio River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	5090203	Boone	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	5090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	5090203	Boone	5-NS	WAH	Total Suspended Solids (TSS)	Illegal Dumps or Other Inappropriate Waste Disposal, Impacts from Hydrostructure Flow Regulation/Modification, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Ohio River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Alexandria Park Lake	6.1 acres	KY0062_00	5090201	Campbell	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Lake Jericho	137 acres	KY495230_00	5140101	Henry	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Lake Jericho	137 acres	KY495230_00	5140101	Henry	5-NS	WAH	Oxygen, Dissolved	Agriculture, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Beech Creek 4.6 to 19.6	15 miles	KY486700_01	5140102	Shelby	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_02	5140103	Nelson	5-NS	PCR	Fecal Coliform	Source Unknown
Big South Fork 0.0 to 12.4	12.4 miles	KY487258_01	5140103	Marion	5-PS	PCR	Fecal Coliform	Grazing in Riparian or Shoreline Zones
Blue Spring Ditch 0.0 to 2.1	2.1 miles	KY501047-1.9-15.0-5.1_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Brashears Creek 0.0 to 13.0	13 miles	KY487840_01	5140102	Spencer	5-NS	PCR	Fecal Coliform	Source Unknown
Brooks Run 0.0 to 2.5	2.5 miles	KY487968_01	5140102	Bullitt	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 0.0 to 2.5	2.5 miles	KY487968_01	5140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges

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Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	5140102	Bullitt	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	5140102	Bullitt	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	5140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	5140102	Bullitt	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	5140102	Bullitt	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	5140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_00	5140102	Bullitt	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation, Site Clearance (Land Development or Redevelopment)
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_00	05140102	Bullitt	5-PS	WAH	Turbidity	Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	5140103	Washington	5-NS	PCR	Fecal Coliform	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	5140103	Washington	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	5140103	Washington	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Cartwright Creek 6.6 to12.6	6 miles	KY489030_02	5140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Chaplin River 0.0 to 23.1	23.1 miles	KY489350_01	5140103	Nelson	5-NS	PCR	Fecal Coliform	Source Unknown
Chaplin River 63.0 to 69.7	6.7 miles	KY489350_04	5140103	Mercer	5-NS	WAH	Cause Unknown	Source Unknown
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	5140103	Anderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	5140103	Anderson	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Streambank Modifications/Destabilization
Chenoweth Run 0.0 to 5.2	5.2 miles	KY489391_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater
Chenoweth Run 5.2 to 9.2	4 miles	KY489391_02	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater
Clear Creek 0 to 4.4	4.4 miles	KY489613_00	5140103	Hardin	5-NS	WAH	Cause Unknown	Source Unknown

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Salt River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	5140102	Shelby	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Urban Runoff/Storm Sewers
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	5140102	Shelby	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	5140102	Shelby	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Cox Creek 11.2 to 15.5	4.3 miles	KY490220_02	5140102	Nelson	5-PS	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	5140102	Bullitt	5-PS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 5.6 to 12.8	7.2 miles	KY490379_00	5140103	Bullitt	5-NS	WAH	Cause Unknown	Source Unknown
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	5140102	Oldham	5-NS	PCR	Fecal Coliform	Municipal (Urbanized High Density Area), Package Plant or Other Permitted Small Flows Discharges
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	5140102	Oldham	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	5140102	Oldham	5-PS	WAH	Oxygen, Dissolved	Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment)
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	5140102	Oldham	5-PS	WAH	Sedimentation/Siltation	Agriculture, Discharges from Municipal Separate Storm Sewer Systems (MS4), Habitat Modification - other than Hydromodification, Site Clearance (Land Development or Redevelopment)
Doe Run 4.1 to 7.9	3.8 miles	KY490968_00	5140104	Meade	5-NS	PCR	Fecal Coliform	Source Unknown
East Fork Beech Fork 0.0 to 1.9	1.9 miles	KY491439_01	5140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	5140102	Jefferson	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source Discharges, Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	5140102	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	5140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	5140102	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	5140102	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	5140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	5140102	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	5140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Floyds Fork 0.0 to 11.6	11.6 miles	KY492278_01	5140102	Bullitt	5-NS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Floyds Fork 11.6 to 24.2	12.6 miles	KY492278_02	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers
Floyds Fork 11.6 to 24.2	12.6 miles	KY492278_02	5140103	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	5140102	Jefferson	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-Construction Related), Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	5140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Agriculture, Grazing in Riparian or Shoreline Zones, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	05140102	Shelby	5-PS	WAH	Sedimentation/Siltation	Agriculture, Site Clearance (Land Development or Redevelopment)
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	05140102	Shelby	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges, Wet Weather Discharges (Non-Point Source), Wet Weather Discharges (Point Source and Combination of Stormwater, SSO, or CSO)
Glens Creek 0.0 to 4.8	4.8 miles	KY492904_01	5140103	Washington	5-PS	WAH	Sedimentation/Siltation	Streambank Modifications/Destabilization

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Industrial Point Source Discharge, Urban Runoff/Storm Sewers
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Source Unknown
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Guist Creek 15.4 to 27.6	12.2 miles	KY493463_02	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Guist Creek 15.4 to 27.6	12.2 miles	KY493463_02	05140102	Shelby	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)
Guist Creek 15.4 to 27.6	12.2 miles	KY493463_02	5140102	Shelby	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Hardins Creek 0.0 to 5.0	5 miles	KY493728_01	5140104	Breckinridge	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing, Non-Irrigated Crop Production
Hardins Creek 0.0 to 5.0	5 miles	KY493728_01	5140104	Breckinridge	5-NS	WAH	Sedimentation/Siltation	Managed Pasture Grazing, Non-Irrigated Crop Production
Hardins Creek 5.2 to 11.4	6.2 miles	KY493728_02	5140104	Breckinridge	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Hardins Creek 5.2 to 11.4	6.2 miles	KY493728_02	5140104	Breckinridge	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	5140103	Marion	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	5140103	Marion	5-PS	WAH	Phosphorus (Total)	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	5140103	Marion	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access
Hardy Creek 1.6 to 5.6	4 miles	KY493737_02	5140101	Trimble	5-PS	WAH	Cause Unknown	Source Unknown
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_01	5140101	Trimble	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_01	5140101	Trimble	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	5140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-Construction Related), Municipal (Urbanized High Density Area), Package Plant or Other Permitted Small Flows Discharges
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	5140101	Oldham	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal (Urbanized High Density Area)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Harrods Creek 3.2 to 33.3	30.1 miles	KY493826_02	5140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-Construction Related), Municipal (Urbanized High Density Area), Package Plant or Other Permitted Small Flows Discharges
Hayden Creek 0.0 to 1.3	1.3 miles	KY493903_01	5140103	Mercer	5-NS	WAH	Other	Source Unknown
Hite Creek 0.0 to 5.5	5.5 miles	KY494393_00	5140101	Jefferson	5-NS	WAH	Cause Unknown	Municipal Point Source Discharges
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_00	5140102	Shelby	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_00	5140102	Shelby	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Jones Creek 0.0 to 3.9	3.9 miles	KY495492_00	5140103	Marion	5-PS	WAH	Cause Unknown	Source Unknown
Little Goose Creek 0.0 to 9.2	9.2 miles	KY496745_00	5140101	Jefferson	5-PS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers
Long Lick Creek 0.0 to 10.5	10.5 miles	KY497124_01	5140102	Bullitt	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access
Long Run 0.0 to 10.0	10 miles	KY497142_00	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Unspecified Urban Stormwater
Mellins Branch 0.0 to 1.5	1.5 miles	KY496047_01	5140101	Carroll	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Mellins Branch 0.0 to 1.5	1.5 miles	KY496047_01	5140101	Carroll	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Site Clearance (Land Development or Redevelopment)
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 2.0 to 2.9	0.9 miles	KY498112_02	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 2.9 to 15.3	12.4 miles	KY498112_03	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Sanitary Sewer Overflows (Collection System Failures)
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	5140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	5140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Industrial Point Source Discharge, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	5140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Industrial Point Source Discharge, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	5140101	Jefferson	5-NS	WAH	Sedimentation/Siltation	Illegal Dumps or Other Inappropriate Waste Disposal, Industrial Point Source Discharge, Urban Runoff/Storm Sewers
Mill Creek Cutoff 0.0 to 6.7	6.7 miles	KY498275_01	5140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Muddy Fork Beargrass Creek 0.0 to 6.9	6.9 miles	KY499042_00	5140101	Jefferson	5-NS	PCR	Fecal Coliform	Landfills, Municipal Point Source Discharges, Unspecified Urban Stormwater
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	5140102	Jefferson	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	5140102	Jefferson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	5140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Otter Creek 0.0 to 10.7	10.7 miles	KY500026_00	5140104	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	5140103	Larue	5-PS	PCR	Fecal Coliform	Source Unknown
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	5140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Loss of Riparian Habitat, Runoff from Forest/Grassland/Parkland, Streambank Modifications/Destabilization, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	5140103	Washington	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	5140103	Washington	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unrestricted Cattle Access
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	5140102	Spencer	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	5140102	Spencer	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	5140101	Oldham	5-PS	WAH	Chlorine	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	5140101	Oldham	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	5140101	Oldham	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Creek/Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	5140102	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	5140102	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	5140102	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	5140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pope Lick Creek 2.0 to 5.2	3.2 miles	KY501089_00	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
Road Run 0.0 to 7.1	7.1 miles	KY502031_01	5140103	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)

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Road Run 0.0 to 7.1	7.1 miles	KY502031_01	5140103	Washington	5-PS	WAH	Sedimentation/Siltation	Impacts from Hydrostructure Flow Regulation/Modification, Impervious Surface/Parking Lot Runoff, Loss of Riparian Habitat, Municipal (Urbanized High Density Area), Municipal Point Source Discharges, Streambank Modifications/Destabilization, Urban Runoff/S
Rolling Fork 0.0 to 40.7	40.7 miles	KY502293_01	5140103	Larue	5-NS	PCR	Fecal Coliform	Source Unknown
Salt River 11.9 to 26.2	14.3 miles	KY502830_01	5140102	Bullitt	5-NS	PCR	Fecal Coliform	Source Unknown
Salt River 11.9 to 26.2	14.3 miles	KY502830_01	5140102	Bullitt	5-PS	FC	Methylmercury	Source Unknown
Salt River 79.0 to 90.05	11.05 miles	KY502830_05	5140102	Anderson	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Short Creek 0.0 to 5.0	5 miles	KY503442_01	5140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	5140104	Breckinridge	5-NS	PCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	5140104	Breckinridge	5-PS	CAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	5140104	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	5140104	Breckinridge	5-PS	CAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Sinking Creek 15.4 to 39.7	24.3 miles	KY515434_03	5140104	Breckinridge	5-PS	PCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	5140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	5140101	Jefferson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_02	5140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Southern Ditch 0.0 to 5.9	5.9 miles	KY501047-15.0_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Sulphur Creek 0.0 to 10.0	10 miles	KY504729_01	5140103	Anderson	5-PS	PCR	Fecal Coliform	Source Unknown
Thompson Creek 0.0 to 9.2	9.2 miles	KY505206_01	5140103	Mercer	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Streambank Modifications/Destabilization
Tioga Creek 0.0 to 2.5	2.5 miles	KY505301_01	5140104	Hardin	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), NPS Pollution from Military Base Facilities (Other than Port Facilities), Residential Districts, Upstream Source
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	5140102	Bullitt	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	5140102	Bullitt	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	5140102	Bullitt	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Buffalo Run 0.0 to 1.1	1.1 miles	KY488333-1.6_01	5140102	Bullitt	5-NS	WAH	Sedimentation/Siltation	Channelization, Highway/Road/Bridge Runoff (Non-Construction Related), Impervious Surface/Parking Lot Runoff, Loss of Riparian Habitat, Residential Districts, Unspecified Urban Stormwater, Urban Runoff/Storm Sewers
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	5140102	Anderson	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	5140102	Anderson	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	5140102	Anderson	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	5140101	Oldham	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	5140101	Oldham	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	5140101	Oldham	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
UT to Salt River 0.0 to 2.4	2.4 miles	KY502830-124.5_01	5140102	Mercer	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unrestricted Cattle Access

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Southern Ditch 0.0 to 2.6	2.6 miles	KYDOW014-1.1_01	5140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Channelization, Commercial Districts (Industrial Parks), Commercial Districts (Shopping/Office Complexes), Highway/Road/Bridge Runoff (Non-Construction Related), Impacts from Hydrostructure Flow Regulation/Modification, Impervious Surface/Parking Lot Runo
UT to UT to Guist Creek 0.0 to 2.4	2.4 miles	KY493463-33.0-1.4_01	5140102	Shelby	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Unrestricted Cattle Access
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	5140102	Jefferson	5-PS	WAH	Cadmium	Industrial Point Source Discharge, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	5140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	5140103	Bullitt	5-NS	WAH	Oxygen, Dissolved	Commercial Districts (Industrial Parks), Impervious Surface/Parking Lot Runoff, Municipal (Urbanized High Density Area), Urban Runoff/Storm Sewers

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	5140103	Bullitt	5-NS	WAH	Sedimentation/Siltation	Commercial Districts (Industrial Parks), Impervious Surface/Parking Lot Runoff, Municipal (Urbanized High Density Area), Urban Runoff/Storm Sewers
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	5140103	Bullitt	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Commercial Districts (Industrial Parks), Impervious Surface/Parking Lot Runoff, Municipal (Urbanized High Density Area), Urban Runoff/Storm Sewers
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	5140103	Nelson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Other Spill Related Impacts
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	5140103	Nelson	5-PS	WAH	Oxygen, Dissolved	Other Spill Related Impacts
Yellowbank Creek 1.5 to 12.0	10.5 miles	KY516507_01	5140104	Breckinridge	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS), Livestock (Grazing or Feeding Operations)
Yellowbank Creek 1.5 to 12.0	10.5 miles	KY516507_01	5140104	Breckinridge	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Streambank Modifications/Destabilization
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_01	5140103	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Silviculture Activities
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_01	5140103	Hardin	5-PS	WAH	Sedimentation/Siltation	Channelization, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Silviculture Activities

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Ponds

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Chickasaw Park Pond	1.5 acres	KYDOW015_00	5140101	Jefferson	5-PS	FC	Methylmercury	Source Unknown

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Beaver Lake	158 acres	KY486624_00	5140103	Anderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Guist Creek Lake	317 acres	KY493464_00	5140102	Shelby	5-PS	DWS	Manganese	Natural Sources
Guist Creek Lake	317 acres	KY493464_00	5140102	Shelby	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Guist Creek Lake	317 acres	KY493464_00	5140102	Shelby	5-NS, 5-PS	WAH, DWS	Nutrient/Eutrophication Biological Indicators	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas)
Guist Creek Lake	317 acres	KY493464_00	5140102	Shelby	5-NS, 5-PS	WAH, DWS	Organic Enrichment (Sewage) Biological Indicators	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas)
Guist Creek Lake	317 acres	KY493464_00	5140102	Shelby	5-NS	WAH	Oxygen, Dissolved	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas)
McNeely Lake	51 acres	KY497757_00	5140102	Jefferson	5-NS	FC	Methylmercury	Source Unknown
Shelby Lake	17 acres	KY503322_00	5140102	Shelby	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Internal Nutrient Recycling
Taylorsville Lake	3050 acres	KYCLN141_00	5140102	Spencer	5-PS	FC	Methylmercury	Source Unknown
Taylorsville Lake	3050 acres	KYCLN141_00	05140102	Spencer	5-PS	WAH	Oxygen, Dissolved	Agriculture, Upstream Source, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)

Salt-Licking Basin Unit 303(d) List
Salt River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Willisburg Lake	126 acres	KY506852_00	5140103	Washington	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown, Upstream Source
Willisburg Lake	126 acres	KY506852_00	5140103	Washington	5-PS	WAH	Oxygen, Dissolved	Source Unknown, Upstream Source

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Lower Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Casey Creek 0.0 to 3.6	3.6 miles	KY489043_00	5130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Sources Outside State Jurisdiction or Borders
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	5130205	Crittenden	5-NS	PCR	Fecal Coliform	Agriculture
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	5130205	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	5130205	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	5130205	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
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_01	5130205	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	5130205	Lyon	5-PS	WAH	Sedimentation/Siltation	Agriculture, Grazing in Riparian or Shoreline Zones
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	5130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	5130205	Livingston	5-NS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Lower Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Donaldson Creek 7.2 to 9.3	2.1 miles	KY491000_02	5130205	Trigg	5-PS	WAH	Cause Unknown	Dredge Mining
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	5130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	5130205	Caldwell	5-PS	WAH	Sedimentation/Siltation	Off-Road Vehicles
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	5130206	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	5130206	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	5130206	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	5130206	Christian	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	5130205	Caldwell	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Rural (Residential Areas)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	5130205	Caldwell	5-NS	WAH	Phosphorus (Total)	Agriculture, Rural (Residential Areas)
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	5130206	Todd	5-NS	WAH	Cause Unknown	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	5130206	Todd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	5130206	Todd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	5130206	Todd	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Ferguson Creek 1.2 to 2.3	1.1 miles	KY492034_02	5130205	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Kenady Creek 0.0 to 4.0	4 miles	KY495638_00	5130205	Trigg	5-PS	WAH	Cause Unknown	Source Unknown
Little River 14.7 to 20.6	5.9 miles	KY496838_01	5130205	Trigg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Little River 14.7 to 20.6	5.9 miles	KY496838_01	5130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Dam or Impoundment
Little River 20.6 to 30.0	9.4 miles	KY496838_02	5130205	Trigg	5-PS	FC	Methylmercury	Source Unknown
Little River 20.6 to 30.0	9.4 miles	KY496838_02	5130205	Trigg	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Municipal Point Source Discharges
Little River 20.6 to 30.0	9.4 miles	KY496838_02	5130205	Trigg	5-PS	WAH	Phosphorus (Total)	Agriculture, Municipal Point Source Discharges
Little River 20.6 to 30.0	9.4 miles	KY496838_02	5130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Agriculture, Municipal Point Source Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little River 30.0 to 31.4	1.4 miles	KY496838_03	5130205	Trigg	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Habitat Modification - other than Hydromodification
Little River 30.0 to 31.4	1.4 miles	KY496838_03	5130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Agriculture, Habitat Modification - other than Hydromodification
Little River 31.4 to 45.5	14.1 miles	KY496838_04	5130205	Trigg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land)
Little River 31.4 to 45.5	14.1 miles	KY496838_04	5130205	Trigg	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little River 31.4 to 45.5	14.1 miles	KY496838_04	5130205	Trigg	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Source Unknown
Little River 45.5 to 57.7	12.2 miles	KY496838_05	5130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Little River 45.5 to 57.7	12.2 miles	KY496838_05	5130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little River 45.5 to 57.7	12.2 miles	KY496838_05	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Livingston Creek 4.6 to 7.0	2.4 miles	KY496913_01	5130205	Lyon	5-PS, 5-PS, 5-PS	WAH, PCR, SCR	pH	Source Unknown
Livingston Creek 4.6 to 7.0	2.4 miles	KY496913_01	5130205	Lyon	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	5130205	Lyon	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	5130205	Lyon	5-NS	WAH	Phosphorus (Total)	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	5130205	Lyon	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
Long Pond Branch 2.7 to 3.2	0.5 miles	KY497133_00	5130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Lower Branch 3.4 to 9.3	5.9 miles	KY497263_00	5130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_01	5130205	Christian	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_01	5130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Muddy Fork 14.5 to 26.6	12.1 miles	KY499043_02	5130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	5130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	5130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture, Urban Runoff/Storm Sewers
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	5130205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	5130205	Christian	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	5130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	5130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	5130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_04	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Urban Runoff/Storm Sewers
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	5130206	Logan	5-NS	PCR	Fecal Coliform	Grazing in Riparian or Shoreline Zones, Managed Pasture Grazing, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	5130206	Logan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	5130206	Logan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Red River 50.8 to 54.5	3.7 miles	KY501672_01	5130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 54.5 to 56.9	2.4 miles	KY501672_02	5130206	Logan	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
Red River 54.5 to 56.9	2.4 miles	KY501672_02	5130206	Logan	5-NS	WAH	Sedimentation/Siltation	Agriculture, Rural (Residential Areas)
Red River 57.0 to 65.8	8.8 miles	KY501672_03	5130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 65.8 to 74.3	8.5 miles	KY501672_04	5130206	Logan	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Red River 74.3 to 81.3	7 miles	KY501672_05	5130206	Simpson	5-PS	WAH	Cause Unknown	Source Unknown
Sinking Fork 2.2 to 5.6	3.4 miles	KY503569_01	5130205	Trigg	5-NS	WAH	Sedimentation/Siltation	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	5130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	5130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Sinking Fork 31.0 to 32.7	1.7 miles	KY503569_04	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_00	5130205	Lyon	5-PS	CAH	Cause Unknown	Source Unknown
Skinner Creek 0.0 to 5.8	5.8 miles	KY503615_01	5130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	5130205	Christian	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Municipal Point Source Discharges
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	5130205	Christian	5-NS	WAH	Other	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	5130205	Christian	5-PS	WAH	Other	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	5130205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	5130205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork of Little River 21.3 to 26.1	4.8 miles	KY503934_03	5130205	Christian	5-NS	WAH	Cause Unknown	Source Unknown
Spring Creek 3.0 to 3.5	0.5 miles	KY504129_00	5130205	Lyon	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Sugar Creek 1.0 to 1.4	0.4 miles	KY504647_00	5130205	Christian	5-NS	WAH	Sedimentation/Siltation	Agriculture
Upper Branch 0.0 to 2.8	2.8 miles	KY505861_00	5130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
UT to Dry Creek 0.0 to 2.1	2.1 miles	KY491170-2.7_01	5130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	5130206	Logan	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Crop Production (Crop Land or Dry Land), Dairies (Outside Milk Parlor Areas), Loss of Riparian Habitat, Non-Irrigated Crop Production
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	5130206	Logan	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Dairies (Outside Milk Parlor Areas), Loss of Riparian Habitat, Non-Irrigated Crop Production
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	5130206	Logan	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Agriculture, Crop Production (Crop Land or Dry Land), Dairies (Outside Milk Parlor Areas), Loss of Riparian Habitat, Non-Irrigated Crop Production
West Fork Red River 14.2 to 26.4	12.2 miles	KY506445_01	5130206	Christian	5-PS	CAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)

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Lower Cumberland River Basin

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
West Fork Red River 14.2 to 26.4	12.2 miles	KY506445_01	5130206	Christian	5-PS	CAH	Sedimentation/Siltation	Agriculture

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Lower Cumberland River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hematite Lake	90 acres	KY494017_00	5130205	Trigg	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Source Unknown
Hematite Lake	90 acres	KY494017_00	5130205	Trigg	5-NS	WAH	Oxygen, Dissolved	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bayou de Chien 0.0 to 4.2	4.2 miles	KY486489_01	8010201	Fulton	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	8010201	Fulton	5-NS	PCR	Fecal Coliform, Escherichia coli	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	8010201	Fulton	5-NS	WAH	Iron	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	8010201	Fulton	5-NS	WAH	Lead	Municipal Point Source Discharges
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	8010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	8010201	Hickman	5-PS	WAH	Total Dissolved Solids	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Brush Creek 0.0 to 8.4	8.4 miles	KY488070_00	8010201	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Dredging (e.g., for Navigation Channels)
Caldwell Creek 0.0 to 3.0	3 miles	KY488592_00	8010202	Graves	5-NS	WAH	Sedimentation/Siltation	Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	8010201	Hickman	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat, Non-Irrigated Crop Production
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	8010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production
Cane Creek 0.3 to 4.1	3.8 miles	KY488772_00	8010100	Ballard	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_01	8010201	Hickman	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_01	8010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Non-Irrigated Crop Production
Gilbert Creek 1.7 to 3.5	1.8 miles	KY492817_00	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Goose Creek 0.0 to 4.4	4.4 miles	KY493008_00	8010201	Graves	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_00	8010100	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_00	8010100	Ballard	5-NS	WAH	Sedimentation/Siltation	Channelization
Hurricane Creek 0.0 to 3.7	3.7 miles	KY494824_01	8010201	Carlisle	5-PS	WAH	Sedimentation/Siltation	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	KY495709_01	8010201	Graves	5-NS	WAH	Cause Unknown	Source Unknown
Knob Creek 1.3 to 3.0	1.7 miles	KY495836_00	8010202	Graves	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_01	8010201	Carlisle	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_01	8010201	Carlisle	5-PS	WAH	Oil and Grease	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Bayou de Chein 10.0 to 12.3	2.3 miles	KY496606_02	8010201	Fulton	5-NS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land)
Little Bayou de Chien 0.0 to 1.3	1.3 miles	KY496606_01	8010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Little Creek 0.0 to 5.3	5.3 miles	KY496690_00	8010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat
Little Cypress Creek 0.0 to 2.0	2 miles	KY496699_00	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Little Cypress Creek 0.0 to 3.6	3.6 miles	KY496697_01	8010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	8010201	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	8010201	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	8010201	Fulton	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	8010201	Fulton	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Mayfield Creek 2.2 to 5.5	3.3 miles	KY497717_01	8010201	Carlisle	5-PS	WAH	Cause Unknown	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	WAH	Iron	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	WAH	Lead	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	8010201	Carlisle	5-NS	WAH	Sedimentation/Siltation	Agriculture
Mayfield Creek 16.5 to 36.1	19.6 miles	KY497717_06	8010201	McCracken	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat
Mayfield Creek 36.1 to 38.2	2.1 miles	KY497717_07	8010201	Graves	5-PS	WAH	Sedimentation/Siltation	Channelization
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	WAH	Cause Unknown	Channelization, Loss of Riparian Habitat
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	WAH	Iron	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Mississippi River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Mayfield Creek 40.8 to 43.7	2.9 miles	KY497717_09	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat
Mayfield Creek 59.6 to 62.3	2.7 miles	KY497717_10	8010201	Calloway	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Mud Creek 0.0 to 7.8	7.8 miles	KY498982_00	8010201	Fulton	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Obion Creek 0.0 to 16.2	16.2 miles	KY499767_01	8010201	Hickman	5-NS	PCR	Escherichia coli	Agriculture
Obion Creek 0.0 to 16.2	16.2 miles	KY499767_01	8010201	Hickman	5-NS	WAH	Copper	Source Unknown
Obion Creek 0.0 to 16.2	16.2 miles	KY499767_01	8010201	Hickman	5-NS	WAH	Iron	Source Unknown
Obion Creek 0.0 to 16.2	16.2 miles	KY499767_01	8010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Channelization, Impacts from Hydrostructure Flow Regulation/Modification, Loss of Riparian Habitat, Non-Irrigated Crop Production
Obion Creek 31.9 to 35.2	3.3 miles	KY499767_03	8010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Upstream/Dowstream Source
Obion Creek 39.65 to 43.1	3.45 miles	KY499767_04	8010201	Hickman	5-NS	WAH	Cause Unknown	Channelization, Source Unknown
Obion Creek 43.1 to 48.6	5.5 miles	KY499767_05	8010201	Hickman	5-PS	WAH	Sedimentation/Siltation	Channelization, Crop Production (Crop Land or Dry Land)
Obion Creek 48.6 to 54.4	5.8 miles	KY499767_06	8010201	Graves	5-PS	WAH	Cause Unknown	Source Unknown
Obion Creek 48.6 to 54.4	5.8 miles	KY499767_06	8010201	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Mississippi River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Opossum Creek 0.0 to 2.3	2.3 miles	KY499959_00	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Channelization
Relict (Natural Channel) Mayfield Creek 17.4 to 20.4	3 miles	KY497716_01	8010201	Carlisle	5-NS	WAH	Sedimentation/Siltation	Agriculture
Running Slough 0.0 to 16.2	16.2 miles	KY502469_00	8010202	Fulton	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)
Running Slough 0.0 to 16.2	16.2 miles	KY502469_00	08010202	Fulton	5-PS	WAH	Turbidity	Crop Production (Crop Land or Dry Land)
Shawnee Creek 3.2 to 12.4	9.2 miles	KY503285_02	8010100	Ballard	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	8010100	Ballard	5-NS	WAH	Iron	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	8010100	Ballard	5-NS	WAH	Lead	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	8010100	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Other Recreational Pollution Sources
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_Creek_Slough_01	8010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Other Recreational Pollution Sources
South Fork Bayou de Chien 2.0 to 7.4	5.4 miles	KY503904_02	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land)

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Mississippi River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	8010201	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	8010201	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Crop Production (Crop Land or Dry Land), Dredging (e.g., for Navigation Channels), Impacts from Hydrostructure Flow Regulation/Modification, Loss of Riparian Habitat
Sugar Creek 0.0 to 1.3	1.3 miles	KY504653_00	8010201	Ballard	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Terrapin Creek 2.7 to 6.0	3.3 miles	KY505081_01	8010202	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Truman Creek 3.2 to 4.1	0.9 miles	KY505525_02	8010201	Carlisle	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat

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Mississippi River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	8010201	Hickman	5-NS	WAH	Phosphorus (Total)	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	8010201	Hickman	5-NS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	8010201	Hickman	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Non-Irrigated Crop Production
UT to Mayfield Creek 0.0 to 1.0	1 miles	KY497717-24.0_00	8010201	McCracken	5-NS	WAH	Sedimentation/Siltation	Agriculture
UT to Mayfield Creek 1.1 to 3.5	2.4 miles	KY497717-28.6_00	8010201	Graves	5-NS	WAH	Sedimentation/Siltation	Agriculture
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	8010201	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

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Mississippi River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	8010201	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	8010201	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 Obion Creek 1.6 to 2.2	0.6 miles	KY499767-16.3_00	8010201	Hickman	5-NS	WAH	Cause Unknown	Source Unknown
Wilson Creek 0.0 to 2.1	2.1 miles	KY506898_01	8010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture
Wilson Creek 0.0 to 2.1	2.1 miles	KY506898_01	8010201	Carlisle	5-NS	WAH	Iron	Source Unknown

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Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Copper	Inappropriate Waste Disposal, Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Beta particles and photon emitters	Inappropriate Waste Disposal, Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Gross Alpha	Inappropriate Waste Disposal, Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Lead	Inappropriate Waste Disposal, Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Mercury	Inappropriate Waste Disposal, Industrial Point Source Discharge
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	5140206	McCracken	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	5140206	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	5140206	Ballard	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Humphrey Creek 0.0 to 3.7	3.7 miles	KY494758_01	5140206	Ballard	5-PS	WAH	Cause Unknown	Source Unknown
Humphrey Creek 3.7 to 11.6	7.9 miles	KY494758_02	5140206	Ballard	5-PS	PCR	Fecal Coliform	Source Unknown
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_00	05140206	McCracken	5-PS	WAH	Beta particles and photon emitters	Industrial Point Source Discharge, Inappropriate Waste Disposal

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Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_00	05140206	McCracken	5-PS	WAH	Cause Unknown	Industrial Point Source Discharge, Inappropriate Waste Disposal
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_00	05140206	McCracken	5-PS	WAH	Copper	Industrial Point Source Discharge, Inappropriate Waste Disposal
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_00	05140206	McCracken	5-PS	WAH	Gross Alpha	Industrial Point Source Discharge, Inappropriate Waste Disposal
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_00	05140206	McCracken	5-PS	WAH	Lead	Industrial Point Source Discharge, Inappropriate Waste Disposal
Massac Creek 4.1 to 4.7	0.6 miles	KY497670_01	5140206	McCracken	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_01	5140206	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	5140206	McCracken	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land)
Newtons Creek 0.3 to 8.2	7.9 miles	KY499457_01	5140206	McCracken	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	8010100	Ballard	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	8010100	Ballard	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers

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Ohio River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	8010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_01	8010100	Ballard	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Natural Sources,

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Ohio River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Fish Lake	27 acres	KY492106_00	5140206	Ballard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Metropolis Lake	36 acres	KY498089_00	5140206	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	5140206	McCracken	5-PS	WAH	Oxygen, Dissolved	Internal Nutrient Recycling, Non-Irrigated Crop Production, Rural (Residential Areas), Shallow Lake/Reservoir Basin

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Tennessee River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_01	6040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_01	6040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Bear Creek 4.0 to 7.2	3.2 miles	KY486553_02	6040005	Marshall	5-NS	PCR	Fecal Coliform	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	KY486666_01	6040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	6040006	Calloway	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	6040006	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	6040006	Calloway	5-NS	WAH	Sedimentation/Siltation	Source Unknown
Bee Creek 0.7 to 2.0	1.3 miles	KY486666_02	6040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	6040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	6040006	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

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Tennessee River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	6040006	McCracken	5-PS	WAH	Sedimentation/Siltation	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	KY488685_00	6040006	McCracken	5-PS	PCR	Fecal Coliform	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	6040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	6040006	McCracken	5-PS	WAH	Other	Source Unknown
Champion Creek 0.0 to 1.5	1.5 miles	KY489324_00	6040006	McCracken	5-NS	WAH	Cause Unknown	Site Clearance (Land Development or Redevelopment)
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	6040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	6040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	6040006	Marshall	5-PS	WAH	Other	Source Unknown
Clarks River 5.0 to 13.2	8.2 miles	KY489552_01	6040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	6040006	McCracken	5-NS	WAH	Iron	Source Unknown
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	6040006	McCracken	5-NS	WAH	Lead	Source Unknown
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	6040006	McCracken	5-PS	PCR	Escherichia coli	Source Unknown

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Tennessee River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	6040006	Marshall	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	6040006	Marshall	5-PS	WAH	Phosphorus (Total)	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	6040006	Marshall	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	6040006	Calloway	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Urban Runoff/Storm Sewers
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	6040006	Calloway	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture, Urban Runoff/Storm Sewers
Clarks River 55.6 to 64.7	9.1 miles	KY489552_08	6040006	Calloway	5-NS	PCR	Fecal Coliform	Agriculture
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	6040006	Calloway	5-PS	PCR	Fecal Coliform	Source Unknown

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Tennessee River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	6040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	6040006	Calloway	5-PS	WAH	Phosphorus (Total)	Agriculture
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	6040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	6040005	Marshall	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	6040005	Marshall	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Cypress Creek 0.1 to 6.3	6.2 miles	KY490528_01	6040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Cypress Creek 0.1 to 6.3	6.2 miles	KY490528_01	6040006	Marshall	5-NS	WAH	Iron	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	6040006	Marshall	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	6040006	Marshall	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	6040006	Marshall	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Source Unknown
Cypress Creek 7.7 to 9.7	2 miles	KY490528_03	6040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Damon Creek 0.0 to 1.8	1.8 miles	KY490545_01	6040006	Calloway	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS)
Duncan Creek 0.0 to 2.5	2.5 miles	KY491300_00	6040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture
Guess Creek 0.0 to 2.6	2.6 miles	KY493458_00	6040006	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Haskell Branch 1.2 to 4.5	3.3 miles	KY493854_01	6040006	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	6040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	6040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Island Creek 5.6 to 10.3	4.7 miles	KY495045_02	6040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Jonathan Creek 7.4 to 10.9	3.5 miles	KY495443_01	6040005	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	6040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown

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Tennessee River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	6040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Little Cypress Creek 3.4 to 6.0	2.6 miles	KY496700_02	6040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	6040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	6040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	6040006	Calloway	5-NS	PCR	Fecal Coliform	Agriculture
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture
Middle Fork of Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	6040006	Calloway	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Middle Fork of Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	6040006	Calloway	5-PS	WAH	Sedimentation/Siltation	Agriculture
Panther Creek 0.0 to 3.0	3 miles	KY500155_01	6040005	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Reeves Branch 0.0 to 0.3	0.3 miles	KY501706_00	6040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	6040006	Graves	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	6040006	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Spring Creek 3.6 to 5.4	1.8 miles	KY504124_02	6040006	Graves	5-NS	WAH	Sedimentation/Siltation	Agriculture
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_01	6040006	Graves	5-PS	WAH	Sedimentation/Siltation	Agriculture
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	6040006	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/St
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	6040006	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/St

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Tennessee River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	6040006	Calloway	5-NS	WAH	Oxygen, Dissolved	Agriculture, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Crop Production (Crop Land or Dry Land), Impervious Surface/Parking Lot Runoff, Municipal (Urbanized High Density Area), Non-Irrigated Crop Production, Urban Runoff/St
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	6040006	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/St
UT to Old Beaver Dam Slough 0.0 to 0.5	0.5 miles	KY499795-0.4_00	6040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8	0.65 miles	KY517033-1.0-47.8_01	6040005	Calloway	5-NS	WAH	Cause Unknown	Off-Road Vehicles, Silviculture Harvesting
West Fork of Clarks River 0.0 to 10.4	10.4 miles	KY506426_01	6040006	McCracken	5-NS	PCR	Escherichia coli	Agriculture, Urban Runoff/Storm Sewers

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Tennessee River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
West Fork of Clarks River 0.0 to 10.4	10.4 miles	KY506426_01	6040006	McCracken	5-NS	WAH	Iron	Source Unknown
West Fork of Clarks River 0.0 to 10.4	10.4 miles	KY506426_01	6040006	McCracken	5-NS	WAH	Lead	Source Unknown
West Fork of Clarks River 13.1 to 17.2	4.1 miles	KY506426_02	6040006	Graves	5-NS	PCR	Fecal Coliform	Source Unknown
West Fork of Clarks River 20.1 to 28.4	8.3 miles	KY506426_04	6040006	Marshall	5-PS	FC	Methylmercury	Source Unknown
West Fork of Clarks River 20.1 to 28.4	8.3 miles	KY506426_04	6040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
West Fork of Clarks River (Relict Channel) 19.7 to 22.7	3 miles	KY506427_02	6040006	Marshall	5-PS	FC	Methylmercury	Source Unknown

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Upper Cumberland River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_01	5130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_01	5130101	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	5130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	5130101	Whitley	5-PS	CAH	Cause Unknown	Source Unknown
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	5130101	Whitley	5-PS	CAH	Sedimentation/Siltation	Source Unknown
Bear Creek 0.0 to 3.3	3.3 miles	KY510462_00	5130104	McCreary	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	5130103	Wayne	5-PS	WAH	Cause Unknown	Source Unknown
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	5130103	Wayne	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	5130103	Wayne	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Beaver Creek 16.6 to 34.5	17.9 miles	KY510488_02	5130103	Wayne	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	5130101	Whitley	5-PS, 5-PS, 5-PS	WAH, PCR, SCR	pH	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	5130101	Whitley	5-PS	WAH	Cause Unknown	Surface Mining

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Upper Cumberland River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	5130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Surface Mining
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_02	5130103	Lincoln	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture, Highway/Road/Bridge Runoff (Non-Construction Related), Impacts from Hydrostructure Flow Regulation/Modification, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_02	5130103	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
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	5130101	Bell	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Source Unknown
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	5130101	Bell	5-PS	WAH	Total Suspended Solids (TSS)	Source Unknown
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	5130101	Bell	5-PS	WAH	Specific Conductance	Coal Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	5130101	Bell	5-PS	WAH	Total Dissolved Solids	Coal Mining
Big Indian Creek 0.0 to 5.6	5.6 miles	KY487197_00	5130101	Knox	5-NS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Site Clearance (Land Development or Redevelopment)
Big Renox Creek 0.0 to 5.8	5.8 miles	KY487232_00	5130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
Board Branch 0.5 to 1.8	1.3 miles	KY487572_01	05130101	Harlan	5-NS, 5-NS, 5-NS	PCR, SCR, WAH	pH	Impacts from Abandoned Mine Lands (Inactive)
Briary Creek 0.0 to 4.4	4.4 miles	KY487880_00	5130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Dredge Mining, Non-Irrigated Crop Production, Other Recreational Pollution Sources
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	5130101	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

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Upper Cumberland River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	05130101	Knox	5-NS	WAH	Turbidity	Loss of Riparian Habitat, Surface Mining, Sand/Gravel/Rock Mining or Quarries,Impacts from Abandoned Mine Lands (Inactive)
Buck Creek 45.6 to 53.0	7.4 miles	KY511000_05	5130103	Pulaski	5-PS	FC	Methylmercury	Source Unknown
Bull Run 0.0 to 3.7	3.7 miles	KY488359_01	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Channelization, Legacy Coal Extraction, Loss of Riparian Habitat
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	5130101	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	5130101	Whitley	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Impacts from Hydrostructure Flow Regulation/Modification, Loss of Riparian Habitat, Residential Districts

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Upper Cumberland River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cannon Creek 0.0 to 1.8	1.8 miles	KY488885_01	5130101	Bell	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Loss of Riparian Habitat
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_02	5130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Surface Mining
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_02	5130101	Whitley	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat, Surface Mining
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_02	5130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Source Unknown, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	5130101	Harlan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	5130101	Harlan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	5130101	Harlan	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	5130101	Harlan	5-PS	WAH	Specific Conductance	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 18.2 to 28.2	10 miles	KY511423_04	5130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Source Unknown, Surface Mining
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_05	5130101	Harlan	5-PS	WAH	Sedimentation/Siltation	Coal Mining
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_06	5130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Source Unknown, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	5130101	Harlan	5-PS	WAH	Total Suspended Solids (TSS)	Channelization, Loss of Riparian Habitat, Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Colliers Creek 0 .0 to 4.1	4.1 miles	KY485675_01	5130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Colliers Creek 0 .0 to 4.1	4.1 miles	KY485675_01	5130101	Letcher	5-PS	WAH	Total Dissolved Solids	Surface Mining
Craig Creek 5.8 to 6.8	1 miles	KY511617_01	5130101	Laurel	5-PS	WAH	Sedimentation/Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Source Unknown, Streambank Modifications/Destabilization
Crane Creek 1.4 to 2.0	0.6 miles	KY490282_01	5130101	Harlan	5-PS	WAH	Cause Unknown	Impacts from Abandoned Mine Lands (Inactive)
Cranks Creek 1.6 to 2.4	0.8 miles	KY490293_01	5130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_02	5130103	Cumberland	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_02	5130103	Cumberland	5-PS	WAH	Sedimentation/Siltation	Agriculture, Mine Tailings
Crocus Creek 14.0 to 17.15	3.15 miles	KY490359_03	5130103	Adair	5-PS	WAH	Sedimentation/Siltation	Agriculture
Cumberland River 554.65 to 569.4	14.75 miles	KY517018_03	5130101	Whitley	5-PS	PCR	Escherichia coli	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Cumberland River 569.4 to 575.1	5.7 miles	KY517018_03.5	5130101	Whitley	5-PS	WAH	Specific Conductance	Surface Mining
Cumberland River 660.1 to 666.8	6.7 miles	KY517018_08	5130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Cumberland River 660.1 to 666.8	6.7 miles	KY517018_08	5130101	Harlan	5-PS	WAH	Iron	Source Unknown
Cumberland River 671.9 to 682.3	10.4 miles	KY517018_09	5130101	Harlan	5-PS	WAH	Specific Conductance	Surface Mining
East Fork of Lynn Camp Creek 0.0 to 4.5	4.5 miles	KY511990_00	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
Elk Spring Creek 0.0 to 7.8	7.8 miles	KY491678_00	5130103	Wayne	5-NS	WAH	Cause Unknown	Source Unknown
Ewing Creek 0.1 to 2.9	2.8 miles	KY491860_00	5130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Ferris Fork Creek 0.0 to 1.2	1.2 miles	KY492053_01	5130103	Cumberland	5-NS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat
Gilmore Creek 0.0 to 5.9	5.9 miles	KY492855_00	5130103	Lincoln	5-PS	WAH	Sedimentation/Siltation	Channelization
Goodin Creek 2.1 to 2.6	0.5 miles	KY492978_00	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Harris Branch 0.25 to 0.6	0.35 miles	KY493796_01	5130101	Harlan	5-PS	WAH	Specific Conductance	Impacts from Abandoned Mine Lands (Inactive)
Hatchell Branch 0.0 to 1.0	1 miles	KY512583_00	5130101	McCreary	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities
Hazel Patch Creek 0.0 to 1.8	1.8 miles	KY512623_01	5130102	Laurel	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Indian Creek 0.0 to 4.2	4.2 miles	KY494919_00	5130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Dredge Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Indian Creek 0.0 to 4.5	4.5 miles	KY512903_01	5130102	Jackson	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Jennys Branch 0.0 to 6.0	6 miles	KY512993_00	5130101	McCreary	5-PS	WAH	Sedimentation/Siltation	Silviculture Harvesting, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
Kilburn Fork 0.9 to 6.2	5.3 miles	KY513138_02	5130101	McCreary	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_02	5130101	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	5130101	McCreary	5-PS	CAH	Sedimentation/Siltation	Package Plant or Other Permitted Small Flows Discharges, Source Unknown
Laurel Fork of Clear Fork 4.25 to 10.3	6.05 miles	KY496040_01	5130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities
Laurel Fork of Clear Fork 10.3 to 13.8	3.5 miles	KY496040_02	5130101	Whitley	5-NS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Woodlot Site Clearance
Laurel River 0.9 to 2.2	1.3 miles	KY513263_01	5130101	Laurel	5-NS	CAH	Temperature, water	Dam or Impoundment, Upstream Source
Laurel River 23.7 to 24.9	1.2 miles	KY513263_02	5130101	Laurel	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Laurel River 26.3 to 33.7	7.4 miles	KY513263_03	5130101	Laurel	5-NS	WAH	Cause Unknown	Source Unknown
Laurel River 26.3 to 33.7	7.4 miles	KY513263_03	05130101	Laurel	5-NS	WAH	Iron	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Laurel River 33.7 to 39.8	6.1 miles	KY513263_04	5130101	Laurel	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
Laurel River 33.7 to 39.8	6.1 miles	KY513263_04	5130101	Laurel	5-PS	WAH	Sedimentation/Siltation	Agriculture, Legacy Coal Extraction
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	5130101	Bell	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Upstream Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	5130101	Bell	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining, Crop Production (Crop Land or Dry Land)
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	05130101	Bell	5-PS	WAH	Turbidity	Coal Mining, Crop Production (Crop Land or Dry Land)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	5130103	Cumberland	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	5130103	Cumberland	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	5130103	Cumberland	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	5130101	Harlan	5-PS	CAH	Sedimentation/Siltation	Surface Mining
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	5130101	Harlan	5-PS	CAH	Specific Conductance	Surface Mining
Line Creek 2.3 to 5.5	3.2 miles	KY513433_01	5130102	Pulaski	5-PS	WAH	Cause Unknown	Source Unknown
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	5130101	Bell	5-NS	WAH	Sedimentation/Siltation	Legacy Coal Extraction

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	5130101	Bell	5-NS	WAH	Specific Conductance	Legacy Coal Extraction
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	5130101	Bell	5-NS	WAH	Total Dissolved Solids	Legacy Coal Extraction
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	5130101	Laurel	5-PS	PCR	Fecal Coliform	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	5130101	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	5130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area), Non-Point Source, Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	5130101	Laurel	5-PS	WAH	Sedimentation/Siltation	Agriculture, Non-Point Source, Source Unknown, Upstream Source
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	5130101	Laurel	5-NS	PCR	Fecal Coliform	Combined Sewer Overflows, Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	5130101	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	5130101	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	5130101	Laurel	5-NS	WAH	Phosphorus (Total)	Combined Sewer Overflows, Municipal Point Source Discharges

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	5130101	Laurel	5-NS	WAH	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	5130101	Laurel	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	5130101	Laurel	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	5130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little Laurel River 14.8 to 23.0	8.2 miles	KY513497_04	5130101	Laurel	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Little Poplar Creek 0.0 to 2.8	2.8 miles	KY496830_00	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production, Site Clearance (Land Development or Redevelopment)
Little Poplar Creek 3.1 to 4.4	1.3 miles	KY496830_01	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Legacy Coal Extraction, Loss of Riparian Habitat, Rural (Residential Areas)
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	5130102	Laurel	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Legacy Coal Extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	5130102	Laurel	5-NS	WAH	Iron	Legacy Coal Extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	5130102	Laurel	5-NS	WAH	Manganese	Legacy Coal Extraction

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	5130102	Laurel	5-NS	WAH	Total Dissolved Solids	Legacy Coal Extraction
Little South Fork 0.0 to 4.4	4.4 miles	KY513527_00	5130104	Wayne	5-PS	WAH	Sedimentation/Siltation	Coal Mining (Subsurface), Surface Mining
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	5130101	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	5130101	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	5130101	Laurel	5-NS	WAH	Oil and Grease	Other Spill Related Impacts, Source Unknown, Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	5130101	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	5130101	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Habitat Modification - other than Hydromodification, Other Spill Related Impacts, Source Unknown, Urban Runoff/Storm Sewers

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	5130101	Whitley	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Highway/Road/Bridge Runoff (Non-Construction Related), Managed Pasture Grazing, Non-Irrigated Crop Production
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	5130101	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)
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_01	5130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
Marsh Creek 13.5 to 16.5	3 miles	KY513798_03	5130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Silviculture Activities
Marsh Creek 19.0 to 24.1	5.1 miles	KY513798_04	5130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Agriculture, Coal Mining
Martins Fork 11.8 to 17.45	5.65 miles	KY497628_02	5130101	Harlan	5-NS	WAH	Cause Unknown	Source Unknown
Martins Fork 11.8 to 17.45	5.65 miles	KY497628_02	5130101	Harlan	5-NS	WAH	Temperature, water	Dam or Impoundment, Upstream Source
Martins Fork 19.4 to 28.85	9.45 miles	KY497628_03	5130101	Harlan	5-NS	PCR	Fecal Coliform	Source Unknown
Meadow Creek 0.0 to 7.4	7.4 miles	KY497981_00	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Surface Mining, Unrestricted Cattle Access

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_01	5130103	McCreary	5-PS, 5-NS, 5-NS	CAH, PCR, SCR	pH	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_01	5130103	McCreary	5-PS	CAH	Sedimentation/Siltation	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Richland Creek 0.0 to 1.2	1.2 miles	KY498135_00	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Site Clearance (Land Development or Redevelopment), Surface Mining
Mitchell Creek 0.0 to 3.8	3.8 miles	KY514033_01	5130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
Mud Creek of Clear Fork 0.0 to 5.2	5.2 miles	KY514128_00	5130101	Whitley	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Non-Irrigated Crop Production, Site Clearance (Land Development or Redevelopment)
Pitman Creek 4.8 to 5.95	1.15 miles	KY514627_01	5130103	Pulaski	5-PS	PCR	Escherichia coli	Municipal Point Source Discharges
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_01	5130102	Jackson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_01	5130102	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	5130102	Jackson	5-PS	WAH	Oxygen, Dissolved	Agriculture, Loss of Riparian Habitat
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_02	5130101	Harlan	5-PS	WAH	Sedimentation/Siltation	Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)
Powder Mill Creek 0.0 to 4.9	4.9 miles	KY514748_01	5130102	Laurel	5-PS	WAH	Cause Unknown	Non-Point Source
Raccoon Creek 0.0 to 2.7	2.7 miles	KY514818_00	5130102	Laurel	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production, Silviculture Activities, Unrestricted Cattle Access
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	5130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	5130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining
Renfro Creek 0.0 to 3.1	3.1 miles	KY514888_01	5130102	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

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Renfro Creek 0.0 to 3.1	3.1 miles	KY514888_01	5130102	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	5130102	Rockcastle	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Loss of Riparian Habitat, Silviculture Activities, Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	5130101	Knox	5-NS	WAH	Iron	Coal Mining, Legacy Coal Extraction
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	5130101	Knox	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	5130101	Knox	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Legacy Coal Extraction, Urban Runoff/Storm Sewers
Roaring Paunch Creek 7.8 to 15.6	7.8 miles	KY514993_02	5130101	McCreary	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage, Legacy Coal Extraction
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_01	5130104	McCreary	5-NS	WAH	Cause Unknown	Source Unknown
Rock Creek 16.5 to 21.5	5 miles	KY515024_03	5130104	McCreary	5-PS	FC	Methylmercury	Source Unknown
Roundstone Creek 0.0 to 10.9	10.9 miles	KY515136_01	5130102	Rockcastle	5-PS	PCR	Escherichia coli	Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	5130102	Rockcastle	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Non-Irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	5130102	Rockcastle	5-NS	WAH	Oxygen, Dissolved	Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Non-Irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	5130102	Rockcastle	5-NS	WAH	Sedimentation/Siltation	Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Non-Irrigated Crop Production
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	05130101	McCreary	5-NS	WAH	Total Suspended Solids (TSS)	Surface mining
Sam Branch 0.0 to 0.5	0.5 miles	KY502871_00	5130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	5130101	Bell	5-NS	WAH	Cause Unknown	Source Unknown
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	5130101	Bell	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Sinking Creek 13.35 to 17.65	4.3 miles	KY515433_03	5130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source, Urban Runoff/Storm Sewers
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	5130102	Rockcastle	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	5130102	Rockcastle	5-PS	WAH	Sedimentation/Siltation	Source Unknown

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	5130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining, Legacy Coal Extraction
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	5130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining, Legacy Coal Extraction
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_02	5130102	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	5130102	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
Stevenson Branch 0.0 to 1.9	1.9 miles	KY504371_00	5130101	Bell	5-NS	WAH	Sedimentation/Siltation	Silviculture Harvesting, Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	5130101	Knox	5-NS	WAH	Oil and Grease	Petroleum/Natural Gas Production Activities (Permitted), Source Unknown
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	5130101	Knox	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Impacts from Abandoned Mine Lands (Inactive), Surface Mining

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_01	5130101	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	5130101	Knox	5-PS	WAH	Chloride	Petroleum/Natural Gas Activities
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Coal Mining, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Petroleum/Natural Gas Activities
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	5130101	Knox	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Stoney Fork 0.0 to 2.3	2.3 miles	KY515733_00	5130101	Bell	5-NS	WAH	Sedimentation/Siltation	Coal Mining (Subsurface), Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Surface Mining, Woodlot Site Clearance

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Stoney Fork 0.0 to 2.3	2.3 miles	KY515733_00	05130101	Bell	5-NS	WAH	Turbidity	Streambank Modifications/destabilization, Coal Mining (Subsurface), Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat, Surface Mining
Stony Fork 0.0 to 5.3	5.3 miles	KY504506_00	5130101	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	05130101	Bell	5-NS	WAH	Turbidity	Loss of Riparian Habitat, Streambank Modifications/destabilization, Woodlot Site Clearance
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_02	5130101	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	5130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining
Sugar Camp Branch 0.0 to 1.4	1.4 miles	KY515781_01	5130102	Pulaski	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
UT to Acorn Fork 0.0 to 0.25	0.25 miles	KY510210-1.9_01	5130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Acorn Fork 0.0 to 0.25	0.25 miles	KY510210-1.9_01	5130101	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	5130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011-1.4_01	5130101	Knox	5-PS	WAH	Sedimentation/Siltation	Channelization, Golf Courses, Legacy Coal Extraction, Loss of Riparian Habitat
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	5130101	McCreary	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Rural (Residential Areas)
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	5130101	McCreary	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Rural (Residential Areas)
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	5130101	McCreary	5-NS	WAH	Sedimentation/Siltation	Post-Development Erosion and Sedimentation, Source Unknown
UT to Little Laurel River 0.0 to 1.4	1.4 miles	KY513497-16.05_00	5130101	Laurel	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
UT to UT to Acorn Fork 0.0 to 0.55	0.55 miles	KY510210-1.9-0.27E_01	5130101	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	5130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Petroleum/Natural Gas Activities

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to UT to Acorn Fork 0.0 to 0.55	0.55 miles	KY510210-1.9-0.27E_01	5130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
UT of UT to Acorn Fork 0.0 to 0.2	0.2 miles	KY510210-1.9-0.27W_01	5130101	Knox	5-NS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Petroleum/Natural Gas Activities
Wallins Creek 0.0 to 4.2	4.2 miles	KY506154_01	5130101	Harlan	5-NS	WAH	Sedimentation/Siltation	Channelization, Coal Mining, Erosion from Derelict Land (Barren Land)
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	5130102	Laurel	5-NS	WAH	Sedimentation/Siltation	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	5130102	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	05130102	Laurel	5-NS	WAH	Turbidity	Agriculture
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_01	5130104	McCreary	5-NS	WAH	Iron	Coal Mining
White Oak Creek 7.1 to 11.2	4.1 miles	KY506623_01	5130103	Pulaski	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Whitley Branch 1.1 to 2.6	1.5 miles	KY516339_02	5130101	Laurel	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Wolf Creek 0.0 to 1.8	1.8 miles	KY516433_00	5130101	Whitley	5-NS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Surface Mining
Wood Creek 0.0 to 1.95	1.95 miles	KY516466_01	5130102	Laurel	5-NS	CAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	5130101	Bell	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Domestic Waste
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	5130101	Bell	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Domestic Waste
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	5130101	Bell	5-PS	WAH	Sedimentation/Siltation	Surface Mining, Urban Runoff/Storm Sewers
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	5130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining, Urban Runoff/Storm Sewers
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	5130101	Bell	5-PS	WAH	Total Dissolved Solids	Surface Mining

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
Upper Cumberland River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Corbin City Reservoir	139 acres	KYCLN052_00	5130101	Laurel	5-PS, 5-NS	WAH, DWS	Nutrient/Eutrophication Biological Indicators	Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges
Corbin City Reservoir	139 acres	KYCLN052_00	5130101	Laurel	5-PS, 5-NS	WAH, DWS	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges
Lake Cumberland	50250 acres	KY511679_00	5130103	Russell	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Adams Fork 0.0 to 4.6	4.6 miles	KY485774_01	5110004	Ohio	5-PS	WAH	Cause Unknown	Source Unknown
Austin Creek 2.6 to 3.6	1 miles	KY486150_02	5110003	Logan	5-PS	WAH	Cause Unknown	Industrial Point Source Discharge
Bacon Creek 0.2 to 17.2	17 miles	KY486197_01	5110001	Hart	5-NS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bacon Creek 27.1 to 32.6	5.5 miles	KY486197_03	5110001	Hart	5-NS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_02	5110001	Hart	5-NS	PCR	Fecal Coliform	Agriculture, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_02	5110001	Hart	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production
Barren River 104.9 to 119.4	14.5 miles	KY517526_06	5110002	Allen	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_02	5110003	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	5110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	5110003	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	5110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	5110002	Allen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	5110002	Allen	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	5110002	Allen	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges
Bear Creek 14.7 to 22.4	7.7 miles	KY486554_02	5110001	Edmonson	5-NS	WAH	Cause Unknown	Source Unknown
Bear Creek 22.4 to 30.6	8.2 miles	KY486554_03	5110001	Grayson	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat, Streambank Modifications/Destabilization
Beaver Creek 8.5 to 15.5	7 miles	KY486609_01	5110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_01	5110001	Green	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land), Streambank Modifications/Destabilization
Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	5110001	Adair	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification

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Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	5110001	Taylor	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	5110001	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 6.9 to 11.5	4.6 miles	KY487231_01	5110001	Edmonson	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	5110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	5110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Industrial Point Source Discharge, Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	5110001	Hardin	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Managed Pasture Grazing, Streambank Modifications/Destabilization, Urban Runoff/Storm Sewers

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Black Snake Branch 1.6 to 2.9	1.3 miles	KY487389_01	5110001	Taylor	5-PS	WAH	Sedimentation/Siltation	Source Unknown
Brush Creek 0.0 to 6.1	6.1 miles	KY488076_01	5110001	Casey	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Off-Road Vehicles, Streambank Modifications/Destabilization
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	5110005	McLean	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	5110005	McLean	5-NS	WAH	Sedimentation/Siltation	Channelization, Irrigated Crop Production, Loss of Riparian Habitat, Non-Irrigated Crop Production, Surface Mining
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	5110005	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	5110005	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	5110005	McLean	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production

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Buck Creek 1.9 to 8.1	6.2 miles	KY488210_01	5110006	Christian	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	5110006	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	5110006	Christian	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Buck Fork 0.0 to 5.8	5.8 miles	KY488223_01	5110006	Todd	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	5110005	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	5110005	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	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization, Irrigated Crop Production, Loss of Riparian Habitat, Non-Irrigated Crop Production, Streambank Modifications/Destabilization
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	5110001	Adair	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_01	5110001	Casey	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_01	5110001	Casey	5-PS	WAH	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones, Managed Pasture Grazing
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	5110005	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	5110005	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	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization, Irrigated Crop Production, Non-Irrigated Crop Production, Source Unknown
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_01	5110003	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	5110003	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	5110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown

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Caney Creek 3.6 to 7.6	4 miles	KY488838_02	5110003	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Agriculture
Cash Creek 0.0 to 5.8	5.8 miles	KY489056_01	5110005	Henderson	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	5110001	Metcalfe	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	5110001	Metcalfe	5-PS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Loss of Riparian Habitat, Managed Pasture Grazing
Claylick Creek 2.4 to 3.4	1 miles	KY489590_00	5110001	Warren	5-PS	WAH	Sedimentation/Siltation	Channelization, Habitat Modification - other than Hydromodification
Cox's Run 0.0 to 3.4	3.4 miles	KY490231_00	5110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Cox's Run 0.0 to 3.4	3.4 miles	KY490231_00	5110001	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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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	5110006	Hopkins	5-NS	WAH	Cause Unknown	Agriculture
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	5110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	5110006	Hopkins	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Crooked Creek 0.0 to 3.0	3 miles	KY490376_00	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 6.0	6 miles	KY490526_01	5110006	McLean	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	5110006	Muhlenberg	5-NS	WAH	Cause Unknown	Source Unknown
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	05110006	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_03	5110006	Muhlenberg	5-PS	WAH	Specific Conductance	Non-Point Source, Surface Mining
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_03	5110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Non-Point Source, Surface Mining
Daniels Creek 0.0 to 5.7	5.7 miles	KY490575_00	5110004	Breckinridge	5-PS	WAH	Cause Unknown	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	5110005	Webster	5-NS	WAH	Iron	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	5110005	Webster	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_01	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_01	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Agriculture, Habitat Modification - other than Hydromodification

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Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	5110001	Hardin	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	5110001	Hardin	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Post-Development Erosion and Sedimentation
Drakes Creek 0.0 to 23.4	23.4 miles	KY491096_01	5110002	Warren	5-PS	FC	Polychlorinated biphenyls	Industrial Point Source Discharge
Dry Creek 0.0 to 3.7	3.7 miles	KY491173_00	5110001	Casey	5-PS	WAH	Sedimentation/Siltation	Managed Pasture Grazing, Non-Irrigated Crop Production
East Branch 0.0 to 1.3	1.3 miles	KY491428_00	5110006	Christian	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification
East Fork of Deer Creek 0.0 to 6.8	6.8 miles	KY491455_00	5110005	Webster	5-NS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	5110001	Metcalfe	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
East Prong of Indian Camp Creek 0.0 to 6.25	6.25 miles	KY491498_01	5110003	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	5110002	Barren	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat

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Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_01	5110002	Barren	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization
Elk Creek 0.0 to 5.4	5.4 miles	KY491656_01	5110006	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	5110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Elk Pond Creek 0.0 to 4.5	4.5 miles	KY491671_00	5110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Elk Pond Creek 0.0 to 4.5	4.5 miles	KY491671_00	5110006	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Source Unknown
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	5110006	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	5110006	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage, Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	5110006	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	5110006	Hopkins	5-NS	WAH	Specific Conductance	Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	5110006	Hopkins	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges

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Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	5110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-Irrigated Crop Production
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	5110005	Daviess	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Gilles Ditch 0.0 to 5.4	5.4 miles	KY501760-3.5_00	5110005	Daviess	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat, Streambank Modifications/Destabilization
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_00	5110001	Adair	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Managed Pasture Grazing
Grassy Creek 2.1 to 4.4	2.3 miles	KY493149_00	5110004	Ohio	5-NS	WAH	Sedimentation/Siltation	Channelization, Dredging (e.g., for Navigation Channels), Loss of Riparian Habitat, Surface Mining
Green River 210.5 to 250.3	39.8 miles	KY493284_07	5110001	Hart	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River 283.3 to 309.0	25.7 miles	KY493284_12	5110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Green River 71.9 to 94.4	22.5 miles	KY493284_04	5110003	Muhlenberg	5-PS	PCR	Fecal Coliform	Source Unknown
Groves Creek 0.0 to 6.4	6.4 miles	KY493444_00	5110005	Webster	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production
Halls Creek 6.8 to 9.6	2.8 miles	KY493602_01	5110004	Ohio	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production

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Halls Creek 6.8 to 9.6	2.8 miles	KY493602_01	5110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production, Silviculture Activities, Woodlot Site Management
Havana Creek 0.0 to 1.9	1.9 miles	KY493874_00	5110005	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Indian Camp Creek 0.1 to 3.1	3.0 miles	KY494914_01	5110003	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	5110003	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	5110003	Butler	5-PS	WAH	Sedimentation/Siltation	Agriculture, Habitat Modification - other than Hydromodification, Loss of Riparian Habitat, Non-Point Source
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_00	5110006	Muhlenberg	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage, Impacts from Abandoned Mine Lands (Inactive)
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_00	5110006	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Acid Mine Drainage, Impacts from Abandoned Mine Lands (Inactive)
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_00	5110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown

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Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_00	5110006	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	5110004	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., Pl-566 NRCS Structures)
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_00	5110004	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., Pl-566 NRCS Structures)
Jenny Hollow Branch 0.0 to 2.4	2.4 miles	KY495212_00	5110004	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Joes Branch 0.0 to 4.4	4.4 miles	KY495307_00	5110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Joes Run 0.0 to 4.8	4.8 miles	KY495312_00	5110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Knoblick Creek 0.0 to 2.1	2.1 miles	KY495848_00	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	5110005	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	5110005	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	5110005	Webster	5-NS	WAH	Total Dissolved Solids	Managed Pasture Grazing, Non-Irrigated Crop Production
Lewis Creek 0.0 to 11.8	11.8 miles	KY496327_00	5110003	Ohio	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Surface Mining
Lick Creek 0.0 to 3.7	3.7 miles	KY496482_01	5110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Lick Creek 5.0 to 13.8	8.8 miles	KY496482_02	5110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Channelization
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	5110001	Hart	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	5110001	Hart	5-PS	WAH	Sedimentation/Siltation	Dredging (e.g., for Navigation Channels), Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Beaverdam Creek 0.0 to 11.4	11.4 miles	KY496615_01	5110001	Warren	5-PS	WAH	Sedimentation/Siltation	Silviculture Activities, Site Clearance (Land Development or Redevelopment)
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	5110006	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	5110006	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	5110006	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	5110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	5110006	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	5110006	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	5110006	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Activities, Surface Mining, Unspecified Urban Stormwater
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	5110002	Butler	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	5110002	Butler	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production
Little Muddy Creek 5.2 to 6.6	1.4 miles	KY513506_01	5110002	Butler	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Long Creek 0.0 to 3.3	3.3 miles	KY497096_01	5110006	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	5110005	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	5110005	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	5110005	McLean	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	5110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	5110005	McLean	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	5110005	McLean	5-PS	WAH	Sedimentation/Siltation	Acid Mine Drainage, Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	5110005	McLean	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Long Lick Creek 4.6 to 7.2	2.6 miles	KY497125_00	5110004	Breckinridge	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Long Lick Creek 4.6 to 7.2	2.6 miles	KY497125_00	5110004	Breckinridge	5-NS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
McGrady Creek 0.0 to 1.9	1.9 miles	KY497869_00	5110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	5110004	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land)
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	5110004	Hardin	5-PS	WAH	Sedimentation/Siltation	Agriculture
Middle Fork of Drakes Creek 0.0 to 7.8	7.8 miles	KY498119_01	5110002	Warren	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
Mill Creek 0.0 to 4.2	4.2 miles	KY498260_00	5110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown
Mud River 30.9 to 52.2	21.3 miles	KY499011_03	5110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 52.2 to 64.0	11.8 miles	KY499011_04	5110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	5110003	Muhlenberg	5-NS	WAH	Iron	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	5110003	Muhlenberg	5-NS	FC	Mercury in Fish Tissue	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	5110003	Muhlenberg	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 0.0 to 9.1	9.1 miles	KY499011_01	5110003	Muhlenberg	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Muddy Creek 0.0 to 5.9	5.9 miles	KY499036_01	5110003	Butler	5-PS	PCR	Fecal Coliform	Source Unknown
Muddy Creek 1.9 to 4.9	3 miles	KY499038_01	5110004	Ohio	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	5110004	Ohio	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production, Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	5110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Channelization, Non-Irrigated Crop Production
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	5110003	Butler	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	5110003	Butler	5-PS	WAH	Oxygen, Dissolved	Agriculture, Channelization
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	5110003	Butler	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization
Muddy Creek 0.0 to 5.0	5 miles	KY499037_01	5110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Narge Creek 2.6 to 4.1	1.5 miles	KY499173_00	5110006	Hopkins	5-NS	WAH	Cause Unknown	Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization
North Branch of South Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499538_00	5110005	Hancock	5-NS	WAH	Cause Unknown	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	KY499541_01	5110004	Ohio	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
North Fork of Nolin River 3.0 to 7.0	4 miles	KY499559_01	5110001	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	5110001	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	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	5110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	5110005	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	5110005	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	5110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-Irrigated Crop Production
Old Panther Creek 0.4 to 5.7	5.3 miles	KY499866_01	5110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
Old Panther Creek 5.7 to 8.8	3.1 miles	KY499866_02	5110005	Daviess	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Otter Creek 0.0 to 6.3	6.3 miles	KY500023_00	5110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Channelization, Non-Irrigated Crop Production, Unspecified Urban Stormwater
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	5110005	Daviess	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	5110005	Daviess	5-NS	WAH	Iron	Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	5110005	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	5110005	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	5110005	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	5110005	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	5110003	Butler	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Unrestricted Cattle Access

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_01	5110003	Butler	5-PS	WAH	Sedimentation/Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unrestricted Cattle Access
Panther Creek 3.0 to 5.9	2.9 miles	KY500157_02	5110005	Daviess	5-NS	PCR	Fecal Coliform	Agriculture
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	5110001	Adair	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_00	5110004	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	5110004	Ohio	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Pleasant Run 0.0 to 2.0	2 miles	KY500906_01	5110006	Hopkins	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	5110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	5110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	5110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	5110006	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_05	5110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	5110003	Muhlenberg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	5110003	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Loss of Riparian Habitat, Manure Runoff, Surface Mining, Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	5110003	Muhlenberg	5-PS	WAH	Specific Conductance	Agriculture, Surface Mining
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	5110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal, Petroleum/Natural Gas Production Activities (Permitted)
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	5110003	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Channelization, Inappropriate Waste Disposal, Post-Development Erosion and Sedimentation, Streambank Modifications/Destabilization, Surface Mining
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	5110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	5110003	Muhlenberg	5-NS	WAH	Chloride	Acid Mine Drainage, Inappropriate Waste Disposal, Petroleum/Natural Gas Activities, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	5110003	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Channelization, Petroleum/Natural Gas Activities, Petroleum/Natural Gas Production Activities (Permitted), Streambank Modifications/Destabilization, Surface Mining
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	5110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage, Inappropriate Waste Disposal, Petroleum/Natural Gas Activities, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	5110003	Muhlenberg	5-NS	WAH	Sedimentation/Siltation	Coal Mining
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	5110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Coal Mining
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	5110006	McLean	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	5110006	McLean	5-PS	WAH	Total Dissolved Solids	Non-Irrigated Crop Production
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	5110006	Hopkins	5-PS	WAH	Iron	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	5110006	Hopkins	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	5110006	Hopkins	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Surface Mining
Pond River 20.8 to 31.1	10.3 miles	KY501053_03	5110006	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	5110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification
Pond Run 0.0 to 6.8	6.8 miles	KY501057_01	5110004	Ohio	5-PS	PCR	Fecal Coliform	Source Unknown
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	5110003	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	5110003	Ohio	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Rhodes Creek 0.0 to 1.9	1.9 miles	KY501760_00	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rhodes Creek 0.0 to 2.2	2.2 miles	KY501759_01	5110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-Irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	5110005	Daviess	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Non-Irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	5110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-Irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	5110005	Daviess	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Streambank Modifications/Destabilization
Richland Slough 0.0 to 4.9	4.9 miles	KY501825_00	5110005	Henderson	5-NS	WAH	Sedimentation/Siltation	Agriculture, Non-Irrigated Crop Production
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	5110001	Taylor	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Non-Point Source
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	5110001	Taylor	5-PS	WAH	Sedimentation/Siltation	Agriculture, Non-Point Source
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	5110004	McLean	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	5110004	McLean	5-NS	WAH	Iron	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	5110004	McLean	5-NS	WAH	Lead	Source Unknown
Rough River 125.2 to 149.4	24.2 miles	KY502390_06	5110004	Hardin	5-PS	PCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	5110004	Ohio	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	5110004	Ohio	5-NS	WAH	Iron	Source Unknown
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	5110002	Warren	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	5110002	Warren	5-NS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
Sand Lick Creek 0.0 to 4.0	4 miles	KY502963_00	5110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Skaggs Creek 5.5 to 23.3	17.8 miles	KY503595_01	5110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Beaver Creek 0.0 to 3.2	3.2 miles	KY503906_01	5110002	Barren	5-PS	WAH	Cause Unknown	Highway/Road/Bridge Runoff (Non-Construction Related), Source Unknown
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	5110001	Metcalfe	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	5110001	Metcalfe	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	5110005	Daviess	5-PS	WAH	Copper	Irrigated Crop Production, Loss of Riparian Habitat, Non-Irrigated Crop Production, Silviculture Harvesting, Streambank Modifications/Destabilization

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	5110005	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	5110005	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	5110005	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	5110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Panther Creek 2.4 to 9.55	7.15 miles	KY503939_02	5110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	5110005	Daviess	5-NS	PCR	Fecal Coliform	Managed Pasture Grazing

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	5110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production, Managed Pasture Grazing, Non-Irrigated Crop Production
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Irrigated Crop Production, Managed Pasture Grazing, Non-Irrigated Crop Production
Sputzman Creek 1.3 to 4.4	3.1 miles	KY504196_00	5110005	Henderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Sunfish Creek 6.8 to 10.3	3.5 miles	KY504792_00	5110001	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	5110005	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Irrigated Crop Production, Non-Irrigated Crop Production
Sycamore Creek 0.0 to 1.6	1.6 miles	KY504864_00	5110001	Edmonson	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification
Taylor Fork 0.0 to 4.0	4 miles	KY505019_00	5110001	Grayson	5-NS	WAH	Sedimentation/Siltation	Managed Pasture Grazing, Unspecified Urban Stormwater

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	5110004	Ohio	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	5110004	Ohio	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production, Surface Mining
Town Branch 0.0 to 6.2	6.2 miles	KY505385_01	5110003	Logan	5-NS	FC	Polychlorinated biphenyls	Industrial Point Source Discharge
UT of Cypress Creek 0.0 to 3.4	3.4 miles	KY490526-26.1_01	5110006	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
UT of Cypress Creek 0.0 to 3.4	3.4 miles	KY490526-26.1_01	5110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to Butler Branch 0.0 to 1.7	1.7 miles	KY488506-1.3_00	5110001	Adair	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
UT to Cool Springs Creek 0.0 to 1.6	1.6 miles	KY490021-2.6_00	5110001	Adair	5-NS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
UT to Cypress Creek 0.0 to 1.45	1.45 miles	KY490526-28.6_01	5110006	Muhlenberg	5-PS	PCR	Escherichia coli	Source Unknown
UT to Cypress Creek 0.0 to 1.45	1.45 miles	KY490526-28.6_01	5110006	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	5110006	Muhlenberg	5-PS	WAH	Specific Conductance	Coal Mining
UT to Cypress Creek 0.0 to 1.1	1.1 miles	KY490526-29.5_01	5110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining

Green-Tradewater Basin 303(d) List
Green River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Cypress Creek 0.0 to 3.0	3 miles	KY490526-26.3_01	5110006	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
UT to Cypress Creek 0.0 to 8.1	8.1 miles	KY490526-16.8_01	5110006	Muhlenberg	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
UT to Cypress Creek 0.0 to 8.1	8.1 miles	KY490526-16.8_01	5110006	Muhlenberg	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Streambank Modifications/Destabilization
UT to Drakes Creek 0.0 to 2.2	2.2 miles	KY491097-9.8_01	5110006	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	5110006	Hopkins	5-PS	WAH	Sedimentation/Siltation	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	KY491656-8.8_01	5110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
UT to ElK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	5110006	Hopkins	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Unrestricted Cattle Access
UT to ElK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	5110006	Hopkins	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Unrestricted Cattle Access

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to ElK Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	5110006	Hopkins	5-PS	WAH	Specific Conductance	Agriculture
UT to Flat Creek 0.0 to 3.1	3.1 miles	KY492181-1.9_01	5110006	Hopkins	5-NS	WAH	Cause Unknown	Surface Mining
UT to Flat Creek 3.1 to 4.1	1 miles	KY492181-1.9_02	5110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
UT to Little Cypress Creek 0.0 to 1.75	1.75 miles	KY496701-3.1_01	5110006	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	5110002	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
UT to Little Cypress Creek 0.0 to 3.25	3.25 miles	KY496701-4.0_01	5110002	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to Pond Creek 0.0 to 2.4	2.4 miles	KY493284-47.3-8.8_00	5110003	Muhlenberg	5-NS	WAH	Cause Unknown	Surface Mining
UT to Richland Creek 0.0 to 1.7	1.7 miles	KY501819-2.0_01	5110002	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	5110002	Butler	5-NS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat
UT to UT of Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701-0.9-4.0_01	5110002	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
UT to UT of Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701-0.9-4.0_01	5110002	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to West Bays Fork	1 miles	KY506405-1.6_01	5110002	Allen	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Unrestricted Cattle Access

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to West Bays Fork	1 miles	KY506405-1.6_01	5110002	Allen	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization, Unrestricted Cattle Access
UT to West Bays Fork	1 miles	KY506405-1.6_01	5110002	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	5110003	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	5110002	Logan	5-NS	WAH	Cause Unknown	Source Unknown
UT toLittle Cypress Creek 0.0 to 1.75	1.75 miles	KY496701-3.1_01	5110006	Muhlenberg	5-NS	PCR	Escherichia coli	Source Unknown
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	5110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	5110001	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	5110001	Hardin	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Industrial Point Source Discharge, Livestock (Grazing or Feeding Operations)

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	5110001	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
West Fork of Drakes Creek 0.0 to 23.3	23.3 miles	KY506431_01	5110002	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	5110002	Simpson	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
West Fork of Pond River 1.6 to 8.7	7.3 miles	KY506444_01	5110006	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	5110006	Christian	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Livestock (Grazing or Feeding Operations)

Green-Tradewater Basin 303(d) List
Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	5110005	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	5110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-Irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	5110005	Daviess	5-PS	WAH	Sedimentation/Siltation	Channelization, Irrigated Crop Production, Loss of Riparian Habitat, Non-Irrigated Crop Production
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	5110003	Logan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Silviculture Activities
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	5110003	Logan	5-PS	WAH	Oxygen, Dissolved	Agriculture
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	5110003	Logan	5-PS	WAH	Sedimentation/Siltation	Agriculture, Silviculture Activities, Streambank Modifications/Destabilization

Green-Tradewater Basin 303(d) List
Green River Basin
Springs

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Goodman Springs (9000-0230)	1 miles	KY499512-59.65_00	5110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	5110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	5110001	Hart	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	5110002	Warren	5-PS	PCR	Escherichia coli	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	5110002	Warren	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Head of Rough River Spring 154.85 to 155.8	0.95 miles	KY502390_07	5110004	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Head of Rough River Spring 154.85 to 155.8	0.95 miles	KY502390_07	5110004	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Lost River Rise (9000-0054)	1 miles	KY495207-3.2_00	5110002	Warren	5-NS	PCR	Escherichia coli	Source Unknown
Mahurin Spring (9000-0202)	1 miles	KY504135-4.35_00	5110004	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
McCoy Bluehole Spring (9000-0792)	1 miles	KY493284-212.7_00	5110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Mill Spring (9000-1193)	1 miles	KY499512-38.7_00	5110001	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	5110001	Larue	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	5110001	Larue	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown

Green-Tradewater Basin 303(d) List
Green River Basin
Springs

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Skees KW#1 (9000-1398)	1 miles	KY499512-79.0_00	5110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Skees KW#1 (9000-1398)	1 miles	KY499512-79.0_00	5110001	Hardin	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown

Green-Tradewater Basin Unit 303(d) List
Green River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Campbellsville City Reservoir	63 acres	KYCLN007_00	5110001	Taylor	5-PS	SCR	Sedimentation/Siltation	Natural Sources, Upstream Source
Caneyville City Reservoir	75 acres	KY488877_00	5110004	Grayson	5-PS, 5-PS	DWS, SCR	Nutrient/Eutrophication Biological Indicators	Natural Sources
Caneyville City Reservoir	75 acres	KY488877_00	5110004	Grayson	5-PS	SCR	Sedimentation/Siltation	Shallow Lake/Reservoir Basin
Green River Reservoir	8210 acres	KY493295_00	5110001	Taylor	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River Reservoir	8210 acres	KY493295_00	5110001	Taylor	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Lake Luzerne	55 acres	KY497358_00	5110003	Muhlenberg	5-PS	DWS	Nutrient/Eutrophication Biological Indicators	Source Unknown
Lake Malone	826 acres	KY497476_00	5110003	Logan	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Rough River Reservoir	5100 acres	KY502953_00	5110004	Hardin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Spa Lake	240 acres	KYCLN005_00	5110003	Logan	5-PS	SCR	Sedimentation/Siltation	Natural Sources

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Ohio River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	5140203	Livingston	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	5140203	Livingston	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	5140203	Livingston	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Bear Run 1.6 to 1.9	0.3 miles	KY486575_00	5140201	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	5140201	Breckinridge	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing, Silviculture Harvesting
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_01	5140201	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	5140201	Daviess	5-NS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization

Green-Tradewater Basin Unit 303(d) List
Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Blackford Creek 0.2 to 4.0	3.8 miles	KY487412_01	5140201	Hancock	5-NS	PCR	Fecal Coliform	Source Unknown
Blackford Creek 4.0 to 8.4	4.4 miles	KY487412_02	5140201	Hancock	5-PS	WAH	Cause Unknown	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	5140202	Henderson	5-NS	WAH	Chromium (total)	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	5140202	Henderson	5-NS	WAH	Copper	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	5140202	Henderson	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	5140202	Henderson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	5140202	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	5140202	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	5140202	Henderson	5-NS	WAH	Zinc	Source Unknown
Casey Creek 0.6 to 9.7	9.1 miles	KY489044_00	5140202	Union	5-NS	WAH	Total Dissolved Solids	Drainage/Filling/ Loss of Wetlands, Petroleum/Natural Gas Production Activities (Permitted)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clover Creek 7.7 to 9.2	1.5 miles	KY489703_00	5140201	Breckinridge	5-PS	WAH	Sedimentation/Siltation	Crop Production (Crop Land or Dry Land), Impacts from Hydrostructure Flow Regulation/Modification, Livestock (Grazing or Feeding Operations)
Crooked Creek 0.0 to 12.1	12.1 miles	KY511649_01	5140203	Crittenden	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	5140203	Crittenden	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	5140203	Crittenden	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	5140203	Crittenden	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers

Green-Tradewater Basin Unit 303(d) List
Ohio River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	5140203	Crittenden	5-NS	WAH	Sedimentation/Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Deer Creek 0.0 to 8.1	8.1 miles	KY490770_01	5140203	Livingston	5-NS	WAH	Cause Unknown	Agriculture
Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9	10.5 miles	KY490527_01	5140203	Union	5-NS	PCR	Fecal Coliform	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	5140203	Livingston	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	5140203	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	5140203	Livingston	5-PS	WAH	Specific Conductance	Agriculture
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_01	5140202	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	5140202	Henderson	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization

Green-Tradewater Basin Unit 303(d) List
Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Goose Pond Ditch/Wardens Slough 0.0 to 13.6	13.6 miles	KY452377-114.5_00	5140203	Union	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_01	5140202	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	5140202	Union	5-NS	PCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	5140202	Henderson	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	5140202	Henderson	5-NS	WAH	Iron	Coal Mining (Subsurface), Petroleum/Natural Gas Activities
Sadler Creek 0.0 to 2.4	2.4 miles	KY515171_01	5140203	Livingston	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/Destabilization

Green-Tradewater Basin Unit 303(d) List
Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Sugg Creek 0.0 to 1.3	1.3 miles	KY504712_00	5140203	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	05140203	Union	5-NS	WAH	Turbidity	Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	5140203	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	5140203	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	5140203	Crittenden	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges

Green-Tradewater Basin Unit 303(d) List
Ohio River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Carpenter Lake	64 acres	KY488966_00	5140201	Daviess	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Upstream Source
Carpenter Lake	64 acres	KY488966_00	5140201	Daviess	5-PS	WAH	Oxygen, Dissolved	Agriculture, Upstream Source
Scenic Lake	18 acres	KY503039_00	5140202	Henderson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Contaminated Sediments, Internal Nutrient Recycling

Green-Tradewater Basin Unit 303(d) List
Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	5140205	Webster	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Animal Feeding Operations (NPS), Non-Irrigated Crop Production, Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	5140205	Webster	5-NS	WAH	Sedimentation/Siltation	Animal Feeding Operations (NPS), Non-Irrigated Crop Production, Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	05140205	Webster	5-NS	WAH	Turbidity	Non-irrigated Crop Production, Animal Feeding Operations (NPS), Surface Mining
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_00	5140205	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	5140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Source Unknown
Bull Creek 0.0 to 1.0	1 miles	KY488350_00	5140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization, Habitat Modification - other than Hydromodification, Non-Irrigated Crop Production
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	5140205	Caldwell	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production, Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	5140205	Caldwell	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Irrigated Crop Production, Source Unknown
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage, Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	5140205	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	5140205	Hopkins	5-NS	WAH	Specific Conductance	Acid Mine Drainage, Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage, Surface Mining
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	5140205	Webster	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	5140205	Webster	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	5140205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Managed Pasture Grazing

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	5140205	Christian	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	5140205	Christian	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	05140205	Christian	5-PS	WAH	Turbidity	Managed Pasture Grazing, Loss of Riparian Habitat
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	5140205	Hopkins	5-NS	WAH	Cause Unknown	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	5140205	Hopkins	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	5140205	Hopkins	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	5140205	Hopkins	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	5140205	Hopkins	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	5140205	Hopkins	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	5140205	Hopkins	5-PS	WAH	Sedimentation/Siltation	Channelization, Surface Mining
Clear Creek 26.2 to 26.5	0.3 miles	KY489610_03	5140205	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	5140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	5140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Iron	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Nickel	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	5140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7	14.7 miles	KY490248_01	5140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	5140205	Webster	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	5140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_01	5140205	Hopkins	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Source Unknown
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	5140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	5140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	5140205	Hopkins	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	5140205	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	5140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Surface Mining
Lick Creek 0.0 to 11.9	11.9 miles	KY496487_00	5140205	Hopkins	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Lynn Fork 0.0 to 2.4	2.4 miles	KY497379_00	5140205	Webster	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Irrigated Crop Production

Green-Tradewater Basin Unit 303(d) List
Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	5140205	Crittenden	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	5140205	Crittenden	5-PS	WAH	Sedimentation/Siltation	Agriculture
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_00	5140205	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	05140205	Hopkins	5-PS	WAH	Turbidity	Channelization, Surface Mining, Non-irrigated Crop Production, Loss of Riparian Habitat
Relict Channel of Cypress Creek 0.5 to 3.3	2.8 miles	KY505460-7.2_01	5140205	Union	5-NS, 5-PS	PCR, SCR	Fecal Coliform	Source Unknown
Richland Creek 0.0 to 4.5	4.5 miles	KY501821_00	5140205	Hopkins	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Managed Pasture Grazing
Tradewater River 0.0 to 16.8	16.8 miles	KY505460_01	5140205	Union	5-NS	PCR	Fecal Coliform	Agriculture
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	5140205	Webster	5-NS	PCR, SCR	Fecal Coliform	Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	5140205	Webster	5-NS	WAH	Iron	Coal Mining, Crop Production (Crop Land or Dry Land)
Tradewater River 63.1 to 79.4	16.3 miles	KY505460_03	5140205	Hopkins	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	5140205	Christian	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	5140205	Christian	5-PS	WAH	Oxygen, Dissolved	Agriculture, Sanitary Sewer Overflows (Collection System Failures)
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	5140205	Christian	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Sanitary Sewer Overflows (Collection System Failures)
Tyson Branch 0.0 to 2.5	2.5 miles	KY505754_00	5140205	Caldwell	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification
UT to Copper Creek 0.0 to 1.1	1.1 miles	KY490078-1.1_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Copper Creek 0.0 to 1.1	1.1 miles	KY490078-1.1_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining

Green-Tradewater Basin Unit 303(d) List
Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	5140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	5140205	Hopkins	5-NS	WAH	Iron	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	5140205	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	5140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	5140205	Caldwell	5-PS	WAH	Sedimentation/Siltation	Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Streambank Modifications/Destabilization

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	5140205	Caldwell	5-PS	WAH	Specific Conductance	Channelization, Crop Production (Crop Land or Dry Land)
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS	WAH	Iron	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS	WAH	Nitrates	Source Unknown
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	5140205	Hopkins	5-NS	WAH	Zinc	Coal Mining

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	5140205	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	5140205	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 UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714-0.5-3.5_01	5140205	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	5140205	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	5140205	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	5140205	Webster	5-NS	WAH	Total Dissolved Solids	Surface Mining
Ward Creek 5.1 to 10.3	5.4 miles	KY506219_01	5140205	Caldwell	5-NS	WAH	Cause Unknown	Source Unknown

Green-Tradewater Basin Unit 303(d) List

Tradewater River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	5140205	Hopkins	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	5140205	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	05140205	Hopkins	5-NS	WAH	Turbidity	Non-irrigated Crop Production, Loss of Riparian Habitat, Channelization
Wolf Creek 0.0 to 1.0	1 miles	KY506998_00	5140205	Crittenden	5-NS	WAH	Cause Unknown	Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_01	5070203	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	5070203	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	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Turbidity	Package Plant or Other Permitted Small Flows Discharges, Surface Mining
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	5070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	5070203	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	5070203	Knott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Inappropriate Waste Disposal
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	5070203	Knott	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_01	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Banjo Branch 0.0 to 1.5	1.5 miles	KY486313_01	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Non-Point Source

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Barnetts Creek 0.0 to 1.6	1.6 miles	KY486411_01	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities, Surface Mining
Bear Creek 0.0 to 2.0	2 miles	KY486557_01	5070204	Lawrence	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS), On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	Floyd	5-NS	PCR	Escherichia coli	Municipal (Urbanized High Density Area), On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges, Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	Floyd	5-NS	WAH	Iron	Coal Mining
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal (Urbanized High Density Area), Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_01	5070203	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
Big Cr. 10.6 to 15.1	4.4 miles	KY487161_03	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining, Coal Mining
Big Cr. 7.3 to 10.6	3.4 miles	KY487161_02	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining, Coal Mining
Big Creek 0.0 to 1.9	1.9 miles	KY487161_01	5070201	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	5070201	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	5070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_03	5070201	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	5070201	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Big Creek 7.3 to 10.6	3.3 miles	KY487161_02	5070201	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	5070201	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	5070201	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	5070201	Pike	5-PS	WAH	Specific Conductance	Channelization, Coal Mining, Loss of Riparian Habitat
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	5070203	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	5070203	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	5070203	Magoffin	5-PS, 5-PS, 5-PS	WAH, PCR, SCR	pH	Surface Mining
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_01	5070203	Magoffin	5-PS	WAH	Sedimentation/Siltation	Agriculture, Inappropriate Waste Disposal, Sand/Gravel/Rock Mining or Quarries, Silviculture Activities, Surface Mining
Big Mine Creek 5.8 to 8.4	2.6 miles	KY487221_02	5070203	Magoffin	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Big Sandy River 0.0 to 27.1	27.1 miles	KY487249_01	5070204	Boyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Habitat Modification - other than Hydromodification
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	5070203	Knott	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	5070203	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	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_01	5070203	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	5070203	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	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	5070204	Lawrence	5-NS	PCR	Fecal Coliform, 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	5070204	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	5070204	Lawrence	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Package Plant or Other Permitted Small Flows Discharges, Surface Mining
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_02	5070204	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Loss of Riparian Habitat, Package Plant or Other Permitted Small Flows Discharges, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	5070204	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	5070204	Lawrence	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	5070204	Lawrence	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_03	5070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Surface Mining
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_01	5070204	Lawrence	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat, Managed Pasture Grazing, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_01	5070204	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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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_01	5070204	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
Brushy Fk. 0.0 to 10.0	10 miles	KY488137_01	05070203	Pike	5-NS	WAH	Total Dissolved Solids	Coal Mining
Brushy Fork 0.0 to 10.0	10 miles	KY488137_01	5070203	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	5070203	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Managed Pasture Grazing, Surface Mining
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	5070203	Floyd	5-NS	WAH	Iron	Coal Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	5070203	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	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Buffalo Creek 0.0 to 1.8	1.8 miles	KY488317_01	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	5070203	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	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	5070203	Floyd	5-NS	WAH	Iron	Coal Mining, Petroleum/Natural Gas Activities
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	5070203	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	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	5070203	Knott	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	5070203	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	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Package Plant or Other Permitted Small Flows Discharges, Petroleum/Natural Gas Activities
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_01	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Package Plant or Other Permitted Small Flows Discharges, Petroleum/Natural Gas Activities
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_02	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_02	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	5070203	Floyd	5-NS	WAH	Nitrogen (Total)	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	5070203	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	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Coldwater Fork 2.1 to 8.8	6.7 miles	KY489804_01	5070201	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 Sedim
Coldwater Fork 2.1 to 8.8	6.7 miles	KY489804_01	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Other Spill Related Impacts, Surface Mining, Unspecified Urban Stormwater
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	5070203	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	5070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	5070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	5070202	Pike	5-NS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	5070202	Pike	5-PS	WAH	Sedimentation/Siltation	Package Plant or Other Permitted Small Flows Discharges, Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	5070202	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	5070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_01	5070202	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges, Surface Mining
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	5070203	Floyd	5-PS	WAH	Iron	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	5070203	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	5070203	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
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	5070203	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	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_01	5070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	5070203	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Loss of Riparian Habitat, Source Unknown
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	5070203	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
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_01	5070203	Lawrence	5-PS	WAH	Specific Conductance	Channelization, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Non-Point Source
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	5070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Petroleum/Natural Gas Activities, Post-Development Erosion and Sedimentation
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	5070203	Johnson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Municipal Point Source Discharges

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Big Sandy River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	5070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_01	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Agriculture, Coal Mining
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	5070203	Floyd	5-NS	WAH	Iron	Coal Mining, Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Harriett Branch 0.6 to 2.3	1.7 miles	KY493794_01	5070204	Lawrence	5-PS	WAH	Cause Unknown	Source Unknown
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	5070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills, Silviculture Activities, Surface Mining, Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	5070204	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills, Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	5070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Landfills, Silviculture Activities, Surface Mining, Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_01	5070204	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	5070204	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 0.0 to 0.4	0.4 miles	KY494876_01	5070204	Boyd	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Industrial Point Source Discharge, Post-Development Erosion and Sedimentation, Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_02	5070204	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	5070204	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	5070204	Boyd	5-NS	WAH	Sedimentation/Siltation	Habitat Modification - other than Hydromodification, Industrial Point Source Discharge, Post-Development Erosion and Sedimentation, Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_02	5070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Industrial Point Source Discharge, Unspecified Urban Stormwater
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_01	5070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_01	5070202	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

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_01	5070202	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
Island Creek 0.0 to 1.7	1.7 miles	KY495044_01	5070203	Pike	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Island Creek 0.0 to 1.7	1.7 miles	KY495044_01	5070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	5070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	5070203	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	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Jennys Creek 5.3 to 10.8	5.5 miles	KY495218_02	5070203	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	5070203	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	5070203	Johnson	5-PS	WAH	Specific Conductance	Channelization, Coal Mining, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	5070203	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	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Impacts from Hydrostructure Flow Regulation/Modification, Sand/Gravel/Rock Mining or Quarries, Surface Mining, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	5070203	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	5070203	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	5070203	Pike	5-NS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_02	5070203	Pike	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_02	5070203	Pike	5-PS	WAH	Specific Conductance	Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	5070203	Pike	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation, Surface Mining
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	5070203	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Iron	Coal Mining, Petroleum/Natural Gas Activities
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Nitrogen (Total)	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Phosphorus (Total)	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Sedimentation/Siltation	Channelization, Coal Mining, Post-Development Erosion and Sedimentation
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

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Big Sandy River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_01	5070204	Johnson	5-NS	WAH	Cause Unknown	Source Unknown
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_01	5070204	Johnson	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Point Source, Source Unknown
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	5070201	Pike	5-PS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Source Unknown
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	5070201	Pike	5-NS	FC	PCB in Fish Tissue	Upstream Source
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	5070201	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization, Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	5070201	Pike	5-PS	WAH	Specific Conductance	Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_01	5070201	Pike	5-PS	WAH	Temperature, water	Coal Mining, Habitat Modification - other than Hydromodification, Source Unknown
Left Fk. Beaver Cr. 13.55 to 18.7	5.15 miles	KY496194_03	5070203	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

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Left Fk. Beaver Cr. 13.55 to 18.7	5.15 miles	KY496194_02	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Coal Mining, Post-development Erosion and Sedimentation; Petroleum/Natural Gas Activities
Left Fk. Beaver Cr. 13.55 to 18.7	5.15 miles	KY496194_03	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Left Fork Beaver Creek 0.0 to 11.4	11.4	KY496194_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges
Left Fork Beaver Creek 0.0 to 11.4	11.4	KY496194_01	5070203	Floyd	5-PS	WAH	Iron	Coal Mining, Petroleum/Natural Gas Activities
Left Fork Beaver Creek 0.0 to 11.4	11.4	KY496194_01	5070203	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	KY496194_01	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Left Fork Beaver Creek 0.0 to 11.4	11.4	KY496194_01	5070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Left Fork Beaver Creek 11.4 to 13.55	2.15 miles	KY496194_02	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges
Left Fork Beaver Creek 11.4 to 13.55	2.15 miles	KY496194_02	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	5.3 miles	KY496194_04	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Left Fork Beaver Creek 18.7 to 28.6	5.3 miles	KY496194_04	5070203	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	5.3 miles	KY496194_04	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	5.3 miles	KY496194_04	5070203	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	5070204	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	5070204	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	5070204	Lawrence	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_00	5070204	Lawrence	5-NS	WAH	Sedimentation/Siltation	Agriculture, Inappropriate Waste Disposal, Sand/Gravel/Rock Mining or Quarries, Silviculture Activities, Surface Mining
Left Fork Malachi Branch 0.0 to 0.7	0.7 miles	KY496239_01	5070201	Pike	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Middle Creek 0.0 to 10.3	10.3 miles	KY496241_01	5070203	Floyd	5-NS, 5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Left Fork Middle Creek 0.0 to 10.3	10.3 miles	KY496241_01	5070203	Floyd	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
Left Fork Middle Creek 0.0 to 10.3	10.3 miles	KY496241_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Non-Point Source, Surface Mining
Left Fork Middle Creek 0.0 to 10.3	10.3 miles	KY496241_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_01	5070203	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_01	5070203	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	5070203	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining, Municipal (Urbanized High Density Area), Non-Point Source
Levisa Fork 116.0 to 124.4	8.4 miles	KY496312_08	5070202	Pike	5-PS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas
Levisa Fork 116.0 to 124.4	8.4 miles	KY496312_08	5070202	Pike	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	5070203	Lawrence	5-PS	FC	Methylmercury	Source Unknown, Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	5070203	Lawrence	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	5070203	Lawrence	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_02	5070203	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_04	5070203	Floyd	5-NS	PCR	Escherichia coli	Non-Point Source, Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_04	5070203	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	5070203	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	5070202	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	5070202	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	5070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area), Non-Point Source, Urban Runoff/Storm Sewers
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	5070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_06	5070202	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	5070202	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	5070202	Pike	5-NS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Urban Runoff/Storm Sewers
Lick Branch 0.0 to 1.3	1.3 miles	KY496458_01	5070201	Martin	5-NS	WAH	Cause Unknown	Source Unknown
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_01	5070202	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_01	5070202	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization, Coal Mining, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat
Little Paint Creek 3.2 to 6.5	3.3 miles	KY496821_01	5070203	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	5.4 miles	KY496821_02	5070203	Johnson	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Little Paint Creek 6.5 to 11.6	5.4 miles	KY496821_02	5070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal, Surface Mining
Little Paint Creek 6.5 to 11.6	5.4 miles	KY496821_02	5070203	Johnson	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Subsurface (Hardrock) Mining, Surface Mining
Little Paint Creek 6.5 to 11.6	5.4 miles	KY496821_02	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Inappropriate Waste Disposal, Surface Mining
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_01	5070204	Boyd	5-PS	WAH	Cause Unknown	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_01	5070204	Boyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source, Source Unknown
Long Branch 0.0 to 2.0	2 miles	KY497042_01	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_01	5070203	Floyd	5-NS	WAH	Temperature, water	Channelization, Loss of Riparian Habitat, Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Long Fork 0.0 to 1.4	1.4 miles	KY497103_01	5070203	Floyd	5-PS	WAH	Cause Unknown	Non-Point Source, Source Unknown
Long Fork 0.4 to 7.5	7.1 miles	KY497109_01	5070202	Pike	5-PS	WAH	Specific Conductance	Coal Mining, Loss of Riparian Habitat, Non-Point Source
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_01	5070203	Pike	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Loss of Riparian Habitat, Urban Runoff/Storm Sewers
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_01	5070203	Pike	5-NS	WAH	Specific Conductance	Coal Mining, Urban Runoff/Storm Sewers
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	5070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills, Silviculture Activities, Source Unknown, Surface Mining, Unspecified Urban Stormwater
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	5070204	Lawrence	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Landfills, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_01	5070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Landfills, Silviculture Activities, Source Unknown, Surface Mining, Unspecified Urban Stormwater
Marrowbone Creek 1.4 to 11.3	9.9 miles	KY497561_01	5070202	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	5070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_01	5070203	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	5070203	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	5070203	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	5070203	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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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_01	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges, Surface Mining, Urban Runoff/Storm Sewers
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_01	5070201	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	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Surface Mining
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	5070203	Johnson	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	5070203	Johnson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	5070203	Johnson	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation, Surface Mining
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_01	5070203	Johnson	5-NS	WAH	Total Dissolved Solids	Surface Mining
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Streambank Modifications/Destabilization
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	05070203	Floyd	5-NS	WAH	Turbidity	Loss of Riparian Habitat, Streambank Modifications/destabilization
Nats Creek 0.0 to 3.1	3.1 miles	KY499185_01	5070203	Lawrence	5-PS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	5070203	Morgan	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	5070203	Morgan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Open Fork 6.4 to 11.3	4.9 miles	KY499953_01	5070203	Morgan	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	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	5070203	Morgan	5-PS	WAH	Sedimentation/Siltation	Agriculture, Inappropriate Waste Disposal, Sand/Gravel/Rock Mining or Quarries, Silviculture Activities, Surface Mining
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	5070203	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	5070203	Floyd	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	5070203	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	5070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	5070203	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	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	5070204	Boyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	5070204	Boyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	5070204	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	5070204	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	5070203	Johnson	5-NS	PCR	Fecal Coliform, 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	5070203	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	5070203	Johnson	5-NS	CAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	5070203	Johnson	5-NS	CAH	Sedimentation/Siltation	Post-Development Erosion and Sedimentation, Woodlot Site Clearance
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_01	5070203	Johnson	5-NS	CAH	Temperature, water	Woodlot Site Clearance
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	5070203	Johnson	5-NS	PCR	Fecal Coliform	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Domestic Waste
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_02	5070203	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	5070203	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	5070203	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	5070203	Johnson	5-PS	CAH	Temperature, water	Woodlot Site Clearance

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Panther Fork 0.0 to 2.95	2.9 miles	KY500162_01	5070201	Martin	5-PS	WAH	Sedimentation/Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining
Panther Fork 0.0 to 2.95	2.9 miles	KY500162_01	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Other Spill Related Impacts, Surface Mining
Peter Creek 0.0 to 5.8	5.8 miles	KY500467_01	5070201	Pike	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Pigeonroost Fork 0.0 to 1.3	1.3 miles	KY500606_01	5070201	Martin	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Pond Cr. 0.0 to 9.7	6.3 miles	KY501044_01	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	6.3 miles	KY501044_01	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	6.3 miles	KY501044_01	05070201	Pike	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Pond Cr. 0.0 to 9.7	6.3 miles	KY501044_01	05070201	Pike	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	5070203	Knott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	5070203	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	5070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_01	5070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Raccoon Creek 5.6 to 7.4	1.8 miles	KY501505_02	5070203	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	5070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	5070203	Floyd	5-NS, 5-NS	PCR, SCR	Escherichia coli, Fecal coliform	Inappropriate Waste Disposal
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	5070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Inappropriate Waste Disposal, Loss of Riparian Habitat

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	5070203	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	5070203	Floyd	5-PS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Acid Mine Drainage, Coal Mining, Petroleum/Natural Gas Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	5070203	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	5070203	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	5070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Right Fork Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_04	5070203	Knott	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_04	5070203	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	2.9 miles	KY501863_04	5070203	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	2.9 miles	KY501863_04	5070203	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	2.9 miles	KY501863_04	5070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Right Fork Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_04	5070203	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	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems), Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_02	5070203	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	5070203	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	5070203	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	5070203	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	5070203	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	5070203	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	5070203	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	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 33.4 to 37.9	4.5 miles	KY501863_05	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Right Fork of Little Paint Creek 0.4 to 2.1	1.7 miles	KY501903_01	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Non-Point Source
Right Fork of Panther Fork 0.0 to 1.05	1.05 miles	KY501915_01	5070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Right Fork of Whitecabin Branch 0.0 to 1.1	1.1 miles	KY501938_01	5070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Righthand Fork 0.0 to 2.0	2 miles	KY501946_01	5070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Righthand Fork 0.0 to 2.0	2 miles	KY501946_01	5070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Rob Fork 0.0 to 1.0	1 miles	KY502049_01	5070202	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	5070202	Pike	5-NS	WAH	Specific Conductance	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	5070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	5070203	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	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	5070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Rockcastle Creek 13.25 to 15.3	4.2 miles	KY502158_03	5070201	Martin	5-NS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_02	5070201	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	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	5070204	Lawrence	5-NS	PCR	Escherichia coli	Non-Point Source, Rural (Residential Areas)
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	5070204	Lawrence	5-PS	WAH	Sedimentation/Siltation	Post-Development Erosion and Sedimentation, Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	5070204	Lawrence	5-PS	WAH	Specific Conductance	Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	5070204	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_01	5070204	Lawrence	5-PS	WAH	Total Suspended Solids (TSS)	Post-Development Erosion and Sedimentation, Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	5070201	Martin	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Non-Point Source, Post-Development Erosion and Sedimentation, Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	5070201	Martin	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat, Non-Point Source, Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_01	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	5070203	Knott	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Rural (Residential Areas)
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	5070203	Knott	5-PS	WAH	Sedimentation/Siltation	Coal Mining, Dredge Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	5070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	5070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	5070203	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	5070203	Floyd	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	5070203	Floyd	5-PS	WAH	Phosphorus (Total)	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	5070203	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	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	5070202	Pike	5-PS	PCR	Escherichia coli	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	5070202	Pike	5-PS	WAH	Sedimentation/Siltation	Surface Mining
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	5070202	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Shelby Creek 0.0 to 6.0	6 miles	KY503319_01	5070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_02	5070202	Pike	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Channelization, Loss of Riparian Habitat
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_02	5070202	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	5070202	Pike	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Petroleum/Natural Gas Activities, Surface Mining
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	5070203	Floyd	5-PS	WAH	Iron	Coal Mining
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	5070203	Floyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	5070203	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	5070203	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	5070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_01	5070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Production Activities (Permitted)
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-NS	WAH	Cause Unknown	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-PS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Coal Mining, Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	5070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining, Petroleum/Natural Gas Activities
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_02	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_02	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	5070203	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	5070203	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	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	5070203	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	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Straight Fork 0.0 to 1.1	1.1 miles	KY504559_01	5070201	Martin	5-PS	WAH	Specific Conductance	Surface Mining
Stratton Branch 0.4 to 2.1	1.7 miles	KY504571_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Surface Mining
Sycamore Creek 0.0 to 3.8	3.8 miles	KY504877_01	5070203	Pike	5-PS	WAH	Cause Unknown	Source Unknown
Toms Creek 0.0 to 8.0	8 miles	KY505352_01	5070203	Johnson	5-PS	WAH	Sedimentation/Siltation	Sand/Gravel/Rock Mining or Quarries, Surface Mining
Tug Fork 71.9 to 77.7	5.8 miles	KY1548311_03	5070201	Pike	5-PS	FC	Polychlorinated biphenyls	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	5070203	Floyd	5-NS	PCR	Escherichia coli	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	5070203	Floyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	5070203	Floyd	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Dredge Mining, Managed Pasture Grazing, Post-Development Erosion and Sedimentation, Site Clearance (Land Development or Redevelopment)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	5070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining, Petroleum/Natural Gas Activities
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	5070202	Pike	5-NS	WAH	Nitrogen (Total)	Source Unknown
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	5070202	Pike	5-NS	WAH	Sedimentation/Siltation	Surface Mining
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_01	5070202	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT of Mudlick Branch 0.0 to 0.6	0.6 miles	KY499058-0.65_01	5070201	Martin	5-NS, 5-NS, 5-NS	WAH, PCR, SCR	pH	Surface Mining
UT of Mudlick Branch 0.0 to 0.6	0.6 miles	KY499058-0.65_01	5070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Venters Branch 0.4 to 1.8	1.4 miles	KY506017_01	5070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	5070203	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	5070203	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	5070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Dredge Mining, Managed Pasture Grazing, Petroleum/Natural Gas Activities, Post-Development Erosion and Sedimentation
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	5070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining, Petroleum/Natural Gas Activities
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_01	5070201	Martin	5-PS	PCR	Escherichia coli	Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_01	5070201	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	5070201	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	5070201	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	5070201	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	5070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolf Creek 6.6 to 17.6	11 miles	KY507001_02	5070201	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	5070201	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	5070201	Martin	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Surface Mining
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_01	5070202	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	5070202	Pike	5-NS	WAH	Temperature, water	Channelization, Loss of Riparian Habitat, Silviculture Harvesting, Surface Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_01	5070202	Pike	5-NS	WAH	Total Dissolved Solids	Silviculture Harvesting, Surface Mining

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Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Dewey Lake	1100 acres	KY490849_00	5070203	Floyd	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining, Upstream Source
Fishtrap Reservoir	1143 acres	KY492142_00	5070202	Pike	5-PS	FC	PCB in Fish Tissue	Upstream Source
Paintsville Reservoir	1139 acres	KY509958_00	5070203	Johnson	5-PS	FC	Mercury in Fish Tissue	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Allcorn Creek 0.7 to 3.2	2.5 miles	KY485841_01	5090104	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	5090104	Greenup	5-NS	WAH	Temperature, water	Loss of Riparian Habitat
Bandy Branch 0.0 to 1.4	1.4 miles	KY486311_01	5090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Non-Point Source
Barrett Creek 0.0 to 7.2	7.2 miles	KY486936_01	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-Construction Related), Site Clearance (Land Development or Redevelopment)
Cane Creek 0.0 to 4.1	4.1 miles	KY488773_01	5090104	Greenup	5-PS	WAH	Cause Unknown	Source Unknown
Dry Fork 1.2 to 4.5	3.3 miles	KY491206_01	5090104	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Silviculture Harvesting
East Fork Little Sandy River 24.9 to 26.4	1.5 miles	KY491469_03	5090104	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	5090104	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	5090104	Greenup	5-PS	PCR	Escherichia coli	Agriculture
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	5090104	Boyd	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	5090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	5090104	Boyd	5-PS	WAH	Temperature, water	Loss of Riparian Habitat
Everman Cr 0.0 to 5.7	5.7 miles	KY491855_01	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Garner Cr 0.0 to 1.8	1.8 miles	KY492710_01	5090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Silviculture Harvesting
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_01	5090103	Boyd	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_01	5090103	Boyd	5-NS	WAH	Sedimentation/ Siltation	Channelization, Highway/Road/Bridge Runoff (Non-Construction Related), Loss of Riparian Habitat, Non-Point Source
Left Fork Redwine Creek 0.0 to 1.2	1.2 miles	KY496857-7.9_01	5090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_01	5090104	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

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_01	5090104	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
Little Fork Little Sandy River 12.1 to 23.8	11.7 miles	KY496737_04	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Surface Mining
Little Fork Little Sandy River 23.8 to 29.8	6 miles	KY496737_05	5090104	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	5090104	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	5090104	Elliott	5-PS	WAH	Temperature, water	Loss of Riparian Habitat
Little Fork Little Sandy River 5.0 to 6.0	1 miles	KY496737_02	5090104	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	5090104	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	5090104	Carter	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Fork Little Sandy River 6.0 to 12.1	6.1 miles	KY496737_03	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Non-Point Source
Little Sandy River 0.15 to 0.3	0.15 miles	KY496857_01	5090104	Greenup	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Little Sandy River 12.1 to 20.1	8 miles	KY496857_03	5090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Source Unknown, Upstream Source
Little Sandy River 71.8 to 74.7	2.9 miles	KY496857_07	5090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Lower Stinson Creek 0.0 to 1.1	1.1 miles	KY397300_01	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production
Middle Fork Little Sandy River 5.8 to 7.5	1.7 miles	KY498129_02	5090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Near Fork Sandsuck Creek 1.1 to 2.0	0.9 miles	KY499204_01	5090104	Greenup	5-PS	WAH	Cause Unknown	Non-Point Source, Source Unknown
Newcombe Cr. 1.1 to 7.3	6.2 miles	KY499428_01	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Legacy Coal Extraction, Silviculture Activities, Petroleum/Natural Gas Activities
Oldtown Cr. 0.0 to 1.9	1.9 miles	KY499914_01	05090104	Greenup	5-PS	WAH	Turbidity	Livestock (Grazing or Feeding Operations), Source Unknown, Loss of Riparian Habitat
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	5090104	Greenup	5-PS	WAH	Oil and Grease	Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	5090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Little Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_01	5090104	Greenup	5-PS	WAH	Temperature, water	Loss of Riparian Habitat, Source Unknown
Right Fork Newcombe Creek 0.0 to 4.2	4.2 miles	KY501913_01	5090104	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	5090104	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
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_01	5090104	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

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Little Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_01	5090104	Elliott	5-PS	WAH	Total Dissolved Solids	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 miles	KY503975_01	5090104	Elliott	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Highways, Roads, Bridges, Infrastructure (New Construction)
Straight Creek 0.0 to 3.8	3.8 miles	KY504550_01	5090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-Irrigated Crop Production, Silviculture Harvesting
Tunnel Branch 0.0 to 1.7	1.7 miles	KY505568_01	5090104	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	5090104	Greenup	5-NS	WAH	Temperature, water	Loss of Riparian Habitat, Post-Development Erosion and Sedimentation
UT of Clay Fork 0.0 to 1.2	1.2 miles	KY489573-2.3_01	5090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
UT of Clay Fork 0.0 to 1.2	1.2 miles	KY489573-2.3_01	5090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Non-Point Source, Source Unknown
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	5090104	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Little Sandy River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	5090104	Greenup	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	5090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization
UT to East Fork Little Sandy River 0.0 to 0.3	0.3 miles	KY491469-8.1_01	5090104	Greenup	5-NS	WAH	Total Dissolved Solids	On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wells Creek 0.0 to 3.5	3.5 miles	KY506380_01	5090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Managed Pasture Grazing, Non-Irrigated Crop Production, Silviculture Harvesting
Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_01	5090104	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Point Source, Source Unknown
Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_01	5090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-Point Source, Source Unknown
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_01	5090104	Boyd	5-PS	WAH	Cause Unknown	Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List

Little Sandy River Basin

Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_01	5090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Natural Sources, Streambank Modifications/Destabilization

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List

Little Sandy River Basin

Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Grayson Lake	1512 acres	KY493224_00	5090104	Carter	5-PS	FC	Mercury in Fish Tissue	Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Ohio River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	5090103	Greenup	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	Non-Irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	5090103	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	5090103	Greenup	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-Construction Related), Non-Irrigated Crop Production
Rockhouse Fork 0.0 to 2.1	2.1 miles	KY502201_01	5090103	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	5090103	Greenup	5-PS	WAH	Specific Conductance	Coal Mining
UT to Chinns Branch 0.0 to 1.1	1.1 miles	KY489481-0.8_01	5090103	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	5090103	Greenup	5-NS	WAH	Temperature, water	Channelization, Loss of Riparian Habitat, Post-Development Erosion and Sedimentation

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Tygarts Creek Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Backs Branch 0.0 to 0.9	0.9 miles	KY486191_01	5090103	Greenup	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Jacobs Fork 3.6 to 5.7	2.1 miles	KY495138_02	5090103	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	5090103	Carter	5-PS	WAH	Cause Unknown	Non-Irrigated Crop Production, Source Unknown, Unrestricted Cattle Access
Jacobs Fork 0.0 to 2.05	2.05 miles	KY495138_01	5090103	Carter	5-PS	WAH	Sedimentation/Siltation	Non-Irrigated Crop Production, Unrestricted Cattle Access
Schultz Creek 4.7 to 7.5	2.8 miles	KY503068_02	5090103	Greenup	5-PS	WAH	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	5090103	Carter	5-PS	WAH	Sedimentation/Siltation	Livestock (Grazing or Feeding Operations)
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	5090103	Carter	5-PS	WAH	Temperature, water	Source Unknown
Soldier Fork 0.0 to 5.5	5.5 miles	KY515532_01	5090103	Carter	5-PS	WAH	Cause Unknown	Source Unknown
Soldier Fork 0.0 to 5.5	5.5 miles	KY515532_01	5090103	Carter	5-PS	WAH	Sedimentation/Siltation	Agriculture, Loss of Riparian Habitat, Non-Point Source, Source Unknown
Trough Camp 1.5 to 6.1	4.6 miles	KY505516_01	5090103	Carter	5-PS	WAH	Sedimentation/Siltation	Channelization, Post-Development Erosion and Sedimentation

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Tygarts Creek Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_01	5090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_01	5090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	5090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	5090103	Greenup	5-PS	WAH	Nutrient/Eutrophication Biological Indicators	Agriculture, Non-Point Source
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	5090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_02	5090103	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	5090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 36.3 to 45.5	9.2 miles	KY516088_03	5090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 83.2 to 88.6	5.4 miles	KY516088_06	5090103	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	5090103	Carter	5-PS	WAH	Specific Conductance	Coal Mining, Loss of Riparian Habitat, Non-Point Source
White Oak Creek 0.0 to 1.1	1.1 miles	KY506615_01	05090103	Greenup	5-NS	WAH	Cause Unknown	Habitat Modification-other than Hydromodification, Highways, Roads, Bridges, Infrastructure (New Construction)

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 317.2 to 319.4	2.2 miles	317.6 to 319.7	05090103	Boyd	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 317.2 to 319.4	2.2 miles	317.6 to 319.7	05090103	Boyd	5-PS	FC	Dioxin	Source Unknown
Ohio River 317.2 to 319.4	2.2 miles	317.6 to 319.7	05090103	Boyd	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	FC	Dioxin	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 319.4 to 340.8	21.4 miles	319.7 to 341.05	05090103	Boyd, Greenup	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 340.8 to 356.6	15.8 miles	341.05 to 356.8	05090103	Greenup	5-PS	FC	Dioxin	Source Unknown
Ohio River 340.8 to 356.6	15.8 miles	341.05 to 356.8	05090103	Greenup	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 356.6 to 377.7	21.1 miles	356.8 to 377.65	05090103, 05090201	Greenup, Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 377.7 to 382.9	5.2 miles	377.65 to 382.85	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 377.7 to 382.9	5.2 miles	377.65 to 382.85	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	382.85 to 388.0	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	382.85 to 388.0	05090201	Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 382.9 to 388.0	5.1 miles	382.85 to 388.0	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 388.0 to 436.5	48.5 miles	388.0 to 436.2	05090201	Lewis, Mason, Bracken	5-PS	FC	Dioxin	Source Unknown
Ohio River 388.0 to 436.5	48.5 miles	388.0 to 436.2	05090201	Lewis, Mason, Bracken	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 436.5 to 464.5	28 miles	436.2 to 464.1	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 436.5 to 464.5	28 miles	436.2 to 464.1	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 464.5 to 465.2	0.7 miles	464.1 to 464.8	05090203	Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 464.5 to 465.2	0.7 miles	464.1 to 464.8	05090203	Campbell	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 464.5 to 465.2	0.7 miles	464.1 to 464.8	05090203	Campbell	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 465.2 to 469.3	4.1 miles	464.8 to 468.85	05090203	Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 465.2 to 469.3	4.1 miles	464.8 to 468.85	05090203	Campbell	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	468.85 to 471.0	05090203	Campbell, Kenton	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	468.85 to 471.0	05090203	Campbell, Kenton	5-PS	FC	Dioxin	Source Unknown
Ohio River 469.3 to 471.4	2.1 miles	468.85 to 471.0	05090203	Campbell, Kenton	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 471.4 to 475.1	3.7 miles	471.0 to 474.65	05090203	Kenton	5-PS	FC	Dioxin	Source Unknown
Ohio River 471.4 to 475.1	3.7 miles	471.0 to 474.65	05090203	Kenton	5-PS	PCR	Escherichia coli	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 471.4 to 475.1	3.7 miles	471.0 to 474.65	05090203	Kenton	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	474.65 to 477.1	05090203	Kenton, Boone	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	474.65 to 477.1	05090203	Kenton, Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 475.1 to 477.6	2.5 miles	474.65 to 477.1	05090203	Kenton, Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	477.1 to 487.4	05090203	Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	477.1 to 487.4	05090203	Boone	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 477.6 to 488.0	10.4 miles	477.1 to 487.4	05090203	Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 488.0 to 603.3	115.3 miles	487.4 to 602.1	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 488.0 to 603.3	115.3 miles	487.4 to 602.1	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	602.1 to 606.6	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	602.1 to 606.6	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 603.3 to 608.1	4.8 miles	602.1 to 606.6	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 608.1 to 609.2	1.1 miles	606.6 to 607.65	05140101	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 608.1 to 609.2	1.1 miles	606.6 to 607.65	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 608.1 to 609.2	1.1 miles	606.6 to 607.65	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	607.65 to 613.3	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	607.65 to 613.3	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 609.2 to 614.9	5.7 miles	607.65 to 613.3	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-PS	FC	Dioxin	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 614.9 to 683.0	68.1 miles	613.3 to 680.9	05140101, 05140104	Jefferson, Hardin, Meade	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	FC	Dioxin	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	FC	Mercury in Water Column	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 683.0 to 719.5	36.5 miles	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 683.0 to 719.5	36.5 miles	680.9 to 716.8	05140104, 05140201	Meade, Breckinridge, Hancock	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	716.8 to 732.8	05140201	Hancock	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	716.8 to 732.8	05140201	Hancock	5-PS	FC	Dioxin	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	716.8 to 732.8	05140201	Hancock	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 719.5 to 735.7	18.2 miles	716.8 to 732.8	05140201	Hancock	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	FC	Dioxin	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 735.7 to 756.4	20.7 miles	732.8 to 753.1	05140201	Hancock, Daviess	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	753.1 to 757.0	05140201	Daviess	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	753.1 to 757.0	05140201	Daviess	5-PS	FC	Dioxin	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	753.1 to 757.0	05140201	Daviess	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 756.4 to 760.6	4.2 miles	753.1 to 757.0	05140201	Daviess	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 760.6 to 789.3	28.7 miles	757.0 to 785.55	05140201, 05140202	Daviess, Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 760.6 to 789.3	28.7 miles	757.0 to 785.55	05140201, 05140202	Daviess, Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 760.6 to 789.3	28.7 miles	757.0 to 785.55	05140201, 05140202	Daviess, Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 760.6 to 789.3	28.7 miles	757.0 to 785.55	05140201, 05140202	Daviess, Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	785.55 to 788.4	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	785.55 to 788.4	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	785.55 to 788.4	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 789.3 to 792.1	2.8 miles	785.55 to 788.4	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	788.4 to 789.3	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	788.4 to 789.3	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	788.4 to 789.3	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 792.1 to 793.2	1.1 miles	788.4 to 789.3	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 793.2 to 798.4	5.2 miles	789.3 to 794.45	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 793.2 to 798.4	5.2 miles	789.3 to 794.45	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 793.2 to 798.4	5.2 miles	789.3 to 794.45	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 793.2 to 798.4	5.2 miles	789.3 to 794.45	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 798.4 to 799.8	1.4 miles	794.45 to 795.85	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 798.4 to 799.8	1.4 miles	794.45 to 795.85	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 798.4 to 799.8	1.4 miles	794.45 to 795.85	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 798.4 to 799.8	1.4 miles	794.45 to 795.85	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	795.85 to 789.9	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	795.85 to 789.9	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	795.85 to 789.9	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 799.8 to 802.9	3.1 miles	795.85 to 789.9	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	789.9 to 816.25	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	789.9 to 816.25	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	789.9 to 816.25	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 802.9 to 820.1	17.2 miles	789.9 to 816.25	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	816.25 to 822.5	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	816.25 to 822.5	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 820.1 to 826.4	6.3 miles	816.25 to 822.5	05140202	Henderson	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 820.1 to 826.4	6.3 miles	816.25 to 822.5	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 826.4 to 847.3	20.9 miles	822.5 to 843.1	05140202	Henderson, Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 826.4 to 847.3	20.9 miles	822.5 to 843.1	05140202	Henderson, Union	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 826.4 to 847.3	20.9 miles	822.5 to 843.1	05140202	Henderson, Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 826.4 to 847.3	20.9 miles	822.5 to 843.1	05140202	Henderson, Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 847.3 to 853.4	6.1 miles	843.1 to 849.35	05140202, 05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 847.3 to 853.4	6.1 miles	843.1 to 849.35	05140202, 05140203	Union	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 847.3 to 853.4	6.1 miles	843.1 to 849.35	05140202, 05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	849.35 to 853.3	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	849.35 to 853.3	05140203	Union	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	849.35 to 853.3	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 853.4 to 857.6	4.2 miles	849.35 to 853.3	05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 857.6 to 862.1	4.5 miles	853.3 to 857.8	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 857.6 to 862.1	4.5 miles	853.3 to 857.8	05140203	Union	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 857.6 to 862.1	4.5 miles	853.3 to 857.8	05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 862.1 to 872.8	10.7 miles	857.8 to 868.3	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 862.1 to 872.8	10.7 miles	857.8 to 868.3	05140203	Union	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 862.1 to 872.8	10.7 miles	857.8 to 868.3	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 862.1 to 872.8	10.7 miles	857.8 to 868.3	05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 872.8 to 878.2	5.4 miles	868.3 to 873.25	05140203	Union, Crittenden	5-PS	FC	Dioxin	Source Unknown
Ohio River 872.8 to 878.2	5.4 miles	868.3 to 873.25	05140203	Union, Crittenden	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 872.8 to 878.2	5.4 miles	868.3 to 873.25	05140203	Union, Crittenden	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	873.25 to 877.9	05140203	Crittenden	5-PS	FC	Dioxin	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	873.25 to 877.9	05140203	Crittenden	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	873.25 to 877.9	05140203	Crittenden	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 878.2 to 882.9	4.7 miles	873.25 to 877.9	05140203	Crittenden	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 882.9 to 894.6	11.7 miles	877.9 to 889.45	05140203	Crittenden, Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 882.9 to 894.6	11.7 miles	877.9 to 889.45	05140203	Crittenden, Livingston	5-PS	FC	Mercury in Water Column	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 882.9 to 894.6	11.7 miles	877.9 to 889.45	05140203	Crittenden, Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	889.45 to 904.85	05140203	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	889.45 to 904.85	05140203	Livingston	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	889.45 to 904.85	05140203	Livingston	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 894.6 to 910.3	15.7 miles	889.45 to 904.85	05140203	Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 910.3 to 920.5	10.2 miles	904.85 to 914.9	05140203, 05140206	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 910.3 to 920.5	10.2 miles	904.85 to 914.9	05140203, 05140206	Livingston	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 910.3 to 920.5	10.2 miles	904.85 to 914.9	05140203, 05140206	Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	914.9 to 919.85	05140206	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	914.9 to 919.85	05140206	Livingston	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	914.9 to 919.85	05140206	Livingston	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 920.5 to 925.8	5.3 miles	914.9 to 919.85	05140206	Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 925.8 to 981.0	55.2 miles	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	NHD River miles	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 925.8 to 981.0	55.2 miles	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	5-PS	FC	Mercury in Water Column	Source Unknown
Ohio River 925.8 to 981.0	55.2 miles	919.85 to 974.9	05140206	Livingston, McCracken, Ballard, Carlisle	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Appendix B. Table of Approved Delistings for 2010

Category 2B contains waterbody/pollutant combinations that were in Category 5 on the 2008 list and have now been assessed as fully supporting or were a listing error. EPA approved these delisting requests.

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Phosphorus (Total)
Arnold Fk. 0.0 to 2.6	2.6 miles	KY486053_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	WAH	Sulfates
Bear Cr. 0.0 to 2.0	1.9 miles	KY486557_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	WAH	Nutrient/ Eutrophication Biological Indicators
Bear Cr. 0.0 to 2.0	1.9 miles	KY486557_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	WAH	Organic Enrichment (Sewage) Biological Indicators
Bear Cr. 0.0 to 2.0	1.9 miles	KY486557_01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	WAH	Sedimentation/ Siltation
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Beaver Cr. 0.0 to 7.1	7.1 miles	KY486610_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	PCR	Fecal Coliform
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	River	Green/ Tradewater	Green River	5110005	McLean	PCR, WAH	Sulfates
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	River	Kentucky	Kentucky River	5100201	Breathitt	WAH	Sedimentation/ Siltation
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	River	Kentucky	Kentucky River	5100201	Breathitt	WAH	Total Dissolved Solids
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	River	Kentucky	Kentucky River	05100201	Breathitt	WAH	Turbidity
Buckhorn Lake	1230 acres	KY511027_00	Freshwater Reservoir	Kentucky	Kentucky River	5100202	Perry	SCR	Sedimentation/ Siltation

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Buckhorn Lake	1230 acres	KY511027_00	Freshwater Reservoir	Kentucky	Kentucky River	5100202	Perry	SCR	Total Suspended Solids (TSS)
Bull Run 0.0 to 3.7	3.7 miles	KY488359_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	WAH	Sulfates
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Whitley	WAH	Sulfates
Carr Fork 6.2 to 8.9	2.7 miles	KY511230_02	River	Kentucky	Kentucky River	5100201	Knott	PCR	Fecal Coliform
Carr Fork Reservoir	710 acres	KY488975_00	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Knott	WAH	Nutrient/ Eutrophication Biological Indicators
Carr Fork Reservoir	710 acres	KY488975_00	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Knott	WAH	Organic Enrichment (Sewage) Biological Indicators
Carr Fork Reservoir	710 acres	KY488975_00	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Knott	WAH	Oxygen, Dissolved
Carr Fork Reservoir	710 acres	KY488975_00	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Knott	SCR	Sedimentation/ Siltation
Carr Fork Reservoir	710 acres	KY488975_00	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Knott	SCR	Total Suspended Solids (TSS)
Cave Run Lake	8270 acres	KY511277_00	Freshwater Reservoir	Salt/Licking	Licking River	5100101	Rowan	SCR	pH
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_02	River	Kentucky	5-NS	5100205	Boyle	WAH	Cause Unknown
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_02	River	Kentucky	5-NS	5100205	Boyle	WAH	Organic Enrichment (Sewage) Biological Indicators

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_02	River	Kentucky	5-NS	5100205	Boyle	WAH	Nutrient/ Eutrophication Biological Indicators
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	WAH	Sulfates
Coldwater Fork 2.1 to 8.8	6.7 miles	KY489804_01	River	Sandy/ Tygarts	Big Sandy River	5070201	Martin	WAH	Sulfates
Copper Creek 2.2 to 5.05	2.85 miles	KY511529_02	River	Kentucky	Kentucky River	5100205	Rockcastle	WAH	Sedimentation/ Siltation
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_01	River	Green/ Tradewater	Green River	5110006	Hopkins	WAH	Sulfates
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	River	Green/ Tradewater	Green River	5110006	Muhlenberg	WAH, PCR, SCR	pH
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_03	River	Green/ Tradewater	Green River	5110006	Muhlenberg	WAH, PCR, SCR	pH
Doe Run Lake	51 acres	KYCLN082_00	Freshwater Reservoir	Salt/ Licking	Licking River	05100101	Kenton	WAH	Dissolved Gas Supersaturation
Dry Creek 0.0 to 4.0	4 miles	KY491166_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Knott	WAH	Sulfates
Eagle Creek 15.3 to 28.5	13.2 miles	KY491407_01	River	Kentucky	Kentucky River	5100205	Owen	PCR	Fecal Coliform
East Fork Little Sandy River 24.9 to 26.4	1.5 miles	KY491469_02	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	PCR	Fecal Coliform
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	River	Green/ Tradewater	Green River	05110001	Metcalfe	WAH	Solids (Suspended/ Bedload)
East Hickman Creek 12.6 to 14.0	1.4 miles	KY491487_02	River	Kentucky	Kentucky River	5100205	Fayette	PCR	Fecal Coliform

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Elkhorn Creek 0.0 to 18.2	18.2 miles	KY491690_01	River	Kentucky	Kentucky River	5100205	Franklin	PCR	Fecal Coliform
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	River	Green/ Tradewater	Green River	5110006	Hopkins	WAH	Sulfates
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	River	Green/ Tradewater	Green River	5110005	Daviess	WAH	Sulfates
Frasure Creek 0.0 to 5.2	5.2 miles	KY492466_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_01	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_02	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Grayson Lake	1512 acres	KY493224_00	Freshwater Reservoir	Sandy/ Tygarts	Little Sandy River	5090104	Carter	FC	methylmercury
Guist Creek Lake	317 acres	KY493464_00	Freshwater Reservoir	Salt/ Licking	Salt River	05140102	Shelby	WAH	Dissolved Gas Supersaturation
Harris Branch 0.25 to 0.6	0.35 miles	KY493796_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	WAH	Sulfates
Havana Creek 0.0 to 1.9	1.9 miles	KY493874_00	River	Green/ Tradewater	Green River	05110006	Webster	WAH	Solids (Suspended/ Bedload)
Hell Creek 0.0 to 3.5	3.5 miles	KY512636_01	River	Kentucky	Kentucky River	5100201	Lee	WAH	Total Dissolved Solids
Hunting Creek 0.0 to 2.7	2.7 miles	KY494791_01	River	Kentucky	Kentucky River	5100201	Breathitt	WAH	Sedimentation/ Siltation
Hunting Creek 0.0 to 2.7	2.7 miles	KY494791_02	River	Kentucky	Kentucky River	5100202	Breathitt	WAH	Turbidity
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_01	River	Sandy/ Tygarts	Big Sandy River	5070204	Boyd	WAH	Sulfates
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_02	River	Sandy/ Tygarts	Big Sandy River	5070204	Boyd	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	River	Green/ Tradewater	Green River	05110003	Butler	WAH	Solids (Suspended/ Bedload)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Sulfates
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Knott	WAH	Sulfates
Kincaid Lake	183 acres	KYCLN045_00	Freshwater Reservoir	Salt/ Licking	Licking River	05100101	Pendleton	WAH	Dissolved Gas Supersaturation
Lake Jericho	137 acres	KY495230_00	Freshwater Reservoir	Salt/ Licking	Ohio River	05140101	Henry	WAH	Dissolved Gas Supersaturation
Left Fk. Beaver Cr. 0.0 to 11.4	11.4 miles	KY496194_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Sulfates
Left Fk. Beaver Cr. 13.55 to 18.7	5.15 miles	KY496194_02	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Organic Enrichment (Sewage) Biological Indicators
Left Fk. Beaver Cr. 13.55 to 18.7	5.15 miles	KY496194_02	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Total Dissolved Solids
Left Fk. Middle Cr. 0.0 to 10.3	8.4 miles	KY496241_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Cause Unknown
Left Fork Middle Creek 0.0 to 10.3	10.3 miles	KY496241_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR, SCR, WAH	pH
Lick Fk. 0.0 to 5.2	5.2 miles	KY496506_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	WAH	Sulfates
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_01	River	Green/ Tradewater	Green River	5110006	Muhlenberg	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/ Tradewater	Green River	5110006	Muhlenberg	WAH	Sulfates
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	River	Green/ Tradewater	Green River	5110005	McLean	WAH	Sulfates
Lower Buffalo Creek 0.0 to 2.4	2.4 miles	KY513677_01	River	Kentucky	Kentucky River	5100203	Owsley	WAH	Sedimentation/ Siltation
Metropolis Lake	36 acres	KY498089_00	Freshwater Lake	Tenn/Miss/Cumberland	Ohio River	5140206	McCracken	FC	Methylmercury
Middle Creek 0.0 to 4.5	4.5 miles	KY498108_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Cause Unknown
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Middle Fork of Beargrass Creek 2.0 to 2.9	0.9 miles	KY498112_02	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Middle Fork of Beargrass Creek 2.9 to 15.3	12.4 miles	KY498112_03	River	Salt/Licking	Salt River	5140101	Jefferson	FC	Cadmium
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_01	River	Sandy/ Tygarts	Big Sandy River	5070201	Martin	WAH	Sulfates
Newcombe Cr. 1.1 to 7.3	6.2 miles	KY499428_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	WAH	Cause Unknown
Newcombe Cr. 1.1 to 7.3	6.2 miles	KY499428_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	WAH	Sulfates
North Fork Little River 10.9 to 16.1	5.2 miles	KY499555_04	River	Tenn/ Miss/ Cumberland	Lower Cumberland	05130205	Christian	WAH	Cause Unknown
Ohio River Mainstem 393. 0 to 397.0	4 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05090201	Lewis	PCR	Fecal Coliform
Ohio River Mainstem 461.0 to 464.5	3.5 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05090203	Campbell	PCR	Fecal Coliform

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Ohio River Mainstem 465.2 to 469.3	4.1 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05090203	Campbell	PCR	Fecal Coliform
Ohio River Mainstem 491.0 to 501.0	10 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05090203	Boone	PCR	Fecal Coliform
Ohio River Mainstem 521.0 to 541.0	20 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05090203	Gallatin	PCR	Fecal Coliform
Ohio River Mainstem 593 to 603.3	10.3 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05140101	Jefferson	PCR	Fecal Coliform
Ohio River Mainstem 847.3 to 849	1.7 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05140202	Union	PCR	Fecal Coliform
Ohio River Mainstem 862 to 862.1	0.1 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05140203	Union	PCR	Fecal Coliform
Ohio River Mainstem 872.8 to 873	0.2 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05140203	Union	PCR	Fecal Coliform
Ohio River Mainstem 894.0 to 894.6	0.6 miles	N/A	River	Ohio River Mainstem	Ohio River Mainstem	05140203	Livingston	PCR	Fecal Coliform
Otter Creek 0.0 to 4.1	4.1 miles	KY500025_01	River	Kentucky	Kentucky River	5100205	Madison	WAH	Nutrient/ Eutrophication Biological Indicators
Otter Creek 0.0 to 4.1	4.1 miles	KY500025_01	River	Kentucky	Kentucky River	5100205	Madison	WAH	Organic Enrichment (Sewage) Biological Indicators
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_01	River	Sandy/ Tygarts	Big Sandy River	5070204	Boyd	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Panbowl Lake	98 acres	KY500145_01	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Breathitt	WAH	Nutrient/ Eutrophication Biological Indicators
Panbowl Lake	98 acres	KY500145_01	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Breathitt	WAH	Organic Enrichment (Sewage) Biological Indicators
Panbowl Lake	98 acres	KY500145_01	Freshwater Reservoir	Kentucky	Kentucky River	5100201	Breathitt	WAH	Oxygen, Dissolved
Panther Fk. 0.0 to 3.72	3.72 miles	KY500162_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	WAH	Sulfates
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/ Tradewater	Green River	5110003	Muhlenberg	WAH	Sulfates
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	River	Green/ Tradewater	Green River	5110003	Muhlenberg	WAH	Sulfates
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	River	Green/ Tradewater	Green River	5110003	Muhlenberg	WAH	Sulfates
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	River	Green/ Tradewater	Green River	5110003	Ohio	WAH	Sulfates
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Knox	WAH	Dissolved oxygen saturation
Right Fk. Newcombe Cr. 0.0 to 4.2	4.2 miles	KY501913_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	WAH	Sulfates
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Right Fork Buffalo Creek 0.0 to 2.1	2.1 miles	KY514933_01	River	Kentucky	Kentucky River	5100203	Owsley	WAH	Cause Unknown
Rock Fork 0.0 to 7.0	7 miles	KY502115_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Rockcastle Cr. 0.0 to 3.7	3.7 miles	KY502158_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Lawrence	WAH	Total Dissolved Solids
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_02	River	Sandy/ Tygarts	Big Sandy River	5070201	Martin	WAH	Sulfates
Russell Fk 0.0 to 6.3	4.2 miles	KY502524_01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	PCR	Fecal Coliform
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Knott	WAH	Sulfates
Salt Lick Cr. 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Cause Unknown
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Salt River 79.0 to 90.05	11.05 miles	KY502830_05	River	Salt/Licking	Salt River	5140102	Anderson	FC	Methylmercury
Schultz Creek 4.7 to 7.5	6.1 miles	KY503068_02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	WAH	Cause Unknown
Silver Creek 0.0 to 11.1	11.1 miles	KY503507_01	River	Kentucky	Kentucky River	5100205	Madison	PCR	Fecal Coliform
Sinking Fork 2.2 to 5.6	3.4 miles	KY503569_01	River	Tenn/ Miss/ Cumberland	Lower Cumberland	05130205	Trigg	WAH	Cause Unknown
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
South Fork of Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	River	Salt/Licking	Salt River	5140101	Jefferson	WAH	Cadmium
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Stanford Reservoir	43 acres	KY504255_01	Freshwater Reservoir	Kentucky	Kentucky River	5100205	Lincoln	DWS	Cause Unknown
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_02	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	WAH	Sulfates
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_02	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	WAH	Sulfates
Taylorsville Lake	3050 acres	KYCLN141_00	Freshwater Reservoir	Salt/ Licking	Salt River	05140102	Spencer	WAH	Dissolved Gas Supersaturation
Town Branch 10.8 to 12.1	1.3 miles	KY505386_03	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Cause Unknown
Tug Fk. 78.2 to 84.8	6.15 miles	KY505554_04	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	PCR	Fecal Coliform
Tug Fk. 10.45 to 41.95	31.4 miles	KY505554_02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	PCR	Fecal Coliform
Turkey Cr. 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	WAH	Cause Unknown
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011-1.4_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	WAH	Sulfates
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	River	Green/ Tradewater	Tradewater	5140205	Webster	WAH	Sulfates
UT to West Fork of Massac Creek 1.75 to 2.0	0.25 miles	KY506438-1.7_02	River	Tenn/Miss/Cumberland	Ohio River	5140203	Ammonia (Total)	WAH	Ammonia (Total)
West Fork of Clarks River 34.2 to 38.2	4 miles	KY506426_05	River	Tenn/Miss/Cumberland	Tennessee River	6040006	Calloway	WAH	Cause Unknown
Willisburg Lake	126 acres	KY506852_00	Freshwater Reservoir	Salt/ Licking	Salt River	05140103	Washington	WAH	Dissolved Gas Supersaturation
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_01	River	Sandy/ Tygarts	Big Sandy River	5070203	Floyd	WAH	Sulfates
Wolf Cr. 0.0 to 6.5	6.5 miles	KY507001_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	WAH	Sulfates
Wolf Cr. 6.5 to 17.6	11.1 miles	KY507001_02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	WAH	Sulfates

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_03	River	Sandy/ Tygarts	Big Sandy River	5070201	Martin	WAH	Sulfates

Appendix C. Table of Category 4A Listings for the 5 BMUs

Category 4A contains waterbody/pollutant combinations with EPA-approved TMDLs. Once a TMDL is approved, the waterbody/pollutant combination is no longer 303(d) listed, and is captured in Category 4A, even though the waterbody may still be impaired for that pollutant. It is suggested that the reader refer to Volume 1 of the Integrated Report to determine the current support status of these waterbody/pollutant combinations.

Note that after approval of TMDLs, the river miles for a waterbody/pollutant combination may be further split or combined, based upon refined assessments. This table reflects these most recent river mile changes, not the river miles at the time of EPA approval. Thus the count of waterbody/pollutant combinations on this list does not match the official count of TMDLs approved by EPA.

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Allison Creek 0.0 to 4.9	4.9 miles	KY485886_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Bailey Creek 0.0 to 2.6	2.6 miles	KY510346_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_01	River	Kentucky	Kentucky River	5100205	Fayette	WAH	Nutrient/ Eutrophication Biological Indicators
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_01	River	Kentucky	Kentucky River	5100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
Bayou de Chien 14.3 to 28.2	13.9 miles	KY486489_03	River	Tenn/Miss/Cumberland	Mississippi River	8010201	Hickman	PCR	Fecal Coliform
Beech Creek 0.0 to 3.9	3.9 miles	KY486697_00	River	Green/Tradewater	Green River	5110003	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	5110001	Green	PCR	Fecal Coliform
Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	River	Green/ Tradewater	Green River	05110001	Adair	PCR, SCR	Fecal Coliform
Big Pitman Creek 0.0 to 13.9	13.9 miles	KY487227_01	River	Green/ Tradewater	Green River	05110001	Green	PCR, SCR	Fecal Coliform
Big Pitman Creek 13.9 to 17.8	3.9 miles	KY487227_02	River	Green/Tradewater	Green River	5110001	Green	PCR	Fecal Coliform
Big Pitman Creek 17.8 to 23.65	5.85 miles	KY487227_03	River	Green/Tradewater	Green River	5110001	Taylor	PCR	Fecal Coliform
Big Reedy Creek 6.9 to 11.5	4.6 miles	KY487231_01	River	Green/Tradewater	Green River	5110001	Edmonson	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Brier Creek 0.0 to 4.9	4.9 miles	KY487897_00	River	Green/Tradewater	Green River	5110006	Muhlenberg	PCR, SCR, WAH	pH
Brush Creek 1.1 to 7.5	6.4 miles	KY510966_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130102	Rockcastle	PCR	Fecal Coliform
Brush Creek 0.0 to 2.15	2.15 miles	KY488077_01	River	Green/Tradewater	Green River	5110001	Green	PCR	Fecal Coliform
Butchers Branch 0.3 to 2.4	2.1 miles	KY488498_02	River	Green/Tradewater	Ohio River	5140201	Hancock	PCR, SCR, WAH	pH
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Cane Branch 0.0 to 2.0	2 miles	KY511181_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130103	McCreary	PCR, SCR, WAH	pH
Cane Creek 0.0 to 3.1	3.1 miles	KY511187_00	River	Kentucky	Kentucky River	5100204	Powell	PCR	Fecal Coliform
Cane Creek 0.0 to 9.5	9.5 miles	KY511190_00	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
Cane Run 0.0 to 4.0	4 miles	KY488786_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	WAH, PCR, SCR	pH
Carr Fork 0.0 to 5.9	5.9 miles	KY511230_01	River	Kentucky	Kentucky River	05100201	Perry	PCR, SCR	Fecal Coliform
Carr Fork 5.9 to 8.9	3.0 miles	KY511230_02	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
Casey Creek 3.6 to 4.75	1.15 miles	KY485672_01	River	Green/ Tradewater	Green River	05110001	Casey	PCR	Fecal Coliform
Cassidy Creek 0.0 to 3.9	3.9 miles	KY489064_00	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Catron Creek 0.0 to 8.9	8.9 miles	KY489099_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Central Creek 0.8 to 2.5	1.7 miles	KY489283_01	River	Tenn/Miss/Cumberland	Mississippi River	8010201	Carlisle	PCR	Fecal Coliform
Chenoweth Run 0.0 to 5.2	5.2 miles	KY489391_01	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run 0.0 to 5.2	5.2 miles	KY489391_01	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Nutrient/ Eutrophication Biological Indicators
Chenoweth Run 5.2 to 9.2	4 miles	KY489391_02	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run 5.2 to 9.2	4 miles	KY489391_02	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Nutrient/ Eutrophication Biological Indicators
Claylick Creek 1.9 to 4.8	2.9 miles	KY489591_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Crittenden	PCR	Fecal Coliform
Claylick Creek 2.4 to 3.4	1 miles	KY489590_00	River	Green/ Tradewater	Green River	05110001	Warren	PCR	Fecal Coliform
Clover Fork 0.0 to 9.2	9.2 miles	KY511423_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Clover Fork 18.2 to 28.2	10 miles	KY511423_04	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_05	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_06	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_02	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Cooley Creek 0.65 to 2.3	1.65 miles	KY490025_00	River	Tenn/Miss/Cumberland	Mississippi River	8010201	Graves	PCR	Fecal Coliform
Copperas Fork 0.0 to 4.23	4.23 miles	KY511533_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130104	McCreary	PCR, SCR, WAH	pH
Craborchard Creek 0.0 to 3.4	4.6 miles	KY490247_01	River	Green/ Tradewater	Green River	05110006	Hopkins	WAH, PCR, SCR	pH
Craborchard Creek 3.4 to 7.3	3.9 miles	KY490247_02	River	Green/Tradewater	Green River	5110006	Hopkins	PCR, SCR, WAH	pH
Craintown Branch 0.0 to 3.5	3.5 miles	KY490277_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Crooked Creek 5.7 to 12.2	6.5 miles	KY511648_02	River	Tenn/Miss/Cumberland	Upper Cumberland	5130102	Rockcastle	PCR	Fecal Coliform
Crooked Creek 0.1 to 5.7	5.6 miles	KY511648_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130102	Rockcastle	PCR	Fecal Coliform
Cumberland River 650.6 to 654.5	4 miles	KY517018_06	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform
Cumberland River 683.6 to 694.2	10.4 miles	KY517018_11	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Doty Branch 0.0 to 2.3	2.3 miles	KY492236-12.8_01	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Drakes Creek 0.0 to 9.0	9 miles	KY491097_01	River	Green/Tradewater	Green River	5110006	Hopkins	PCR, SCR, WAH	pH
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Caldwell	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
East Fork Little Sandy River 17.0 to 24.9	7.9 miles	KY491469_02	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	WAH	Organic Enrichment (Sewage) Biological Indicators
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_01	River	Green/Tradewater	Green River	5110001	Metcalfe	PCR, SCR	Fecal Coliform
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
Eddy Creek 8.4 to 10.5	2.1 miles	KY491550_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Lyon	PCR	Fecal Coliform
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Caldwell	PCR	Fecal Coliform
Elijahs Creek 0.0 to 5.2	5.2 miles	KY491627_00	River	Salt/Licking	Ohio River	5090203	Boone	WAH	Ethylene Glycol
Ferguson Creek 0.0 to 1.2	1.2 miles	KY492034_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Livingston	PCR	Fecal Coliform
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_02	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek 16.0 to 20.8	4.8 miles	KY492236_03	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform
Floyds Fork 0.0 to 11.6	11.6 miles	KY492278_01	River	Salt/ Licking	Salt River	05140102	Bullitt	WAH	Organic Enrichment (Sewage) Biological Indicators

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Floyds Fork 11.6 to 24.2	12.6 miles	KY492278_02	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Organic Enrichment (Sewage) Biological Indicators
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Organic Enrichment (Sewage) Biological Indicators
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_04	River	Salt/ Licking	Salt River	05140102	Shelby	WAH	Organic Enrichment (Sewage) Biological Indicators
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_00	River	Green/ Tradewater	Green River	05110001	Adair	PCR, SCR	Fecal Coliform
Greasy Creek 0.0 to 3.7	3.7 miles	KY493234_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform
Greasy Creek 3.7 to 11.4	7.7 miles	KY493234_00	River	Upper Cumberland	Upper Cumberland	5130102	Bell	PCR	Fecal Coliform
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/ Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	River	Salt/ Licking	Salt River	05140101	Oldham	WAH	Organic Enrichment (Sewage) Biological Indicators
Hickory Creek 0.0 to 3.9	3.9 miles	KY494122_00	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Livingston	PCR	Fecal Coliform
Left Fork Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Little Barren River 0.0 to 9.8	9.8 miles	KY496604_01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Barren River 9.8 to 15.7	5.9 miles	KY496604_02	River	Green/Tradewater	Green River	5110001	Green	PCR, SCR	Fecal Coliform
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01	River	Tenn/Miss/Cumberland	Ohio River	5140206	McCracken	FC	PCB in Fish Tissue
Little Brush Creek 3.2 to 13.2	10 miles	KY496646_01	River	Green/Tradewater	Green River	5110001	Green	PCR	Fecal Coliform
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_02	River	Green/Tradewater	Green River	5110006	Muhlenberg	WAH, PCR, SCR	pH
Little Pitman Creek 10.1 to 11.2	1.1 miles	KY496827_02	River	Green/Tradewater	Green River	5110001	Taylor	PCR	Fecal Coliform
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_01	River	Green/Tradewater	Green River	5110001	Taylor	PCR	Fecal Coliform
Little River 30.0 to 31.4	1.4 miles	KY496838_03	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Trigg	PCR	Fecal Coliform
Little River 31.4 to 45.5	14.1 miles	KY496838_04	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Trigg	PCR	Fecal Coliform
Little River 45.5 to 57.7	12.2 miles	KY496838_05	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Christian	PCR	Fecal Coliform
Little Russell Creek 0.0 to 5.1	5.1 miles	KY496854_01	River	Green/Tradewater	Green River	5110001	Green	PCR	Fecal Coliform
Livingston Creek 4.6 to 7.0	2.4 miles	KY496913_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Lyon	PCR	Fecal Coliform
Logan Run 0.0 to 2.3	2.3 miles	KY496986_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Looney Creek 0.0 to 5.9	5.9 miles	KY497165_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Lower Cane Creek 0.0 to 4.1	4.1 miles	KY513680_01	River	Kentucky	Kentucky River	5100204	Powell	PCR	Escherichia coli

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Lynn Camp Creek 0.0 to 8.3	8.3 miles	KY497374_01	River	Green/Tradewater	Green River	5110001	Hart	PCR	Fecal Coliform
Martins Fork 0.0 to 11.8	11.8 miles	KY497628_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Middle Fork Right Fork Cane Creek 0.0 to 2.8	2.8 miles	KY513936_01	River	Kentucky	Kentucky River	5100204	Powell	PCR	Escherichia coli
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_01	River	Green/Tradewater	Green River	5110001	Green	PCR	Fecal Coliform
Middle Pitman Creek 8.2 to 10.1	1.9 miles	KY498146_02	River	Green/Tradewater	Green River	5110001	Taylor	PCR	Fecal Coliform
Mussin Branch 0.0 to 1.7	1.7 miles	KY499140_00	River	Salt/Licking	Salt River	5140103	Marion	PCR, WAH	pH
Newcombe Cr. 0.0 to 11.9	11.9 miles	KY499428_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	WAH	Total Dissolved Solids
Nolin River 37.6 to 88.2	50.6 miles	KY499512_02	River	Green/Tradewater	Green River	5110001	Hardin	PCR	Fecal Coliform
North Fork Kentucky River 77.1 to 89.75	12.65 miles	KY514290_08	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 110.9 to 125.0	14.1 miles	KY514290_13	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 125.0 to 131.0	6 miles	KY514290_14	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
North Fork Kentucky River 55.4 to 77.1	21.7 miles	KY514290_07	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 89.75 to 99.95	10.2 miles	KY514290_09	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 99.95 to 104.1	4.15 miles	KY514290_10	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork of Kentucky River 1.3 to 2.3	1 miles	KY514290_02	River	Kentucky	Kentucky River	5100201	Lee	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
North Fork of Kentucky River 104.1 to 105.1	1 miles	KY514290_11	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork of Kentucky River 131.0 to 132.0	1 miles	KY514290_15	River	Kentucky	Kentucky River	5100201	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 145.5 to 147.9	2.4 miles	KY514290_17	River	Kentucky	Kentucky River	5100202	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 147.9 to 162.0	14.1 miles	KY514290_15	River	Kentucky	Kentucky River	5100202	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 2.3 to 35.7	33.4 miles	KY514290_03	River	Kentucky	Kentucky River	5100201	Lee	PCR	Fecal Coliform
North Fork of Kentucky River 35.7 to 47.2	11.5 miles	KY514290_04	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 47.2 to 48.2	1 miles	KY514290_05	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 48.2 to 55.4	7.2 miles	KY514290_06	River	Kentucky	Kentucky River	5100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 0.0 to 1.3	1.3 miles	KY514290_01	River	Kentucky	Kentucky River	5100201	Lee	PCR	Fecal Coliform
North Fork of Kentucky River 105.1 to 110.9	5.8 miles	KY514290_12	River	Kentucky	Kentucky River	5100201	Perry	PCR	Fecal Coliform
North Fork of Kentucky River 132.0 to 145.5	13.5 miles	KY514290_16	River	Kentucky	Kentucky River	5100201	Letcher	PCR	Fecal Coliform
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Christian	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	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	5130205	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	5130205	Christian	PCR	Fecal Coliform
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	River	Green/ Tradewater	Green River	05110001	Adair	PCR, SCR	Fecal Coliform
Pleasant Run 0.0 to 2.0	2 miles	KY500906_01	River	Green/ Tradewater	Green River	05110006	Hopkins	WAH, PCR, SCR	pH
Pleasant Run 2.0 to 7.8	5.8 miles	KY500906_02	River	Green/Tradewater	Green River	5110006	Hopkins	PCR, SCR, WAH	pH
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_05	River	Green/ Tradewater	Green River	05110003	Muhlenberg	WAH, PCR, SCR	pH
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	River	Green/ Tradewater	Green River	05110003	Muhlenberg	WAH, PCR, SCR	pH
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	WAH, PCR, SCR	pH
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	WAH, PCR, SCR	pH
Poor Fork of Cumberland River 0.0 to 14.9	14.9 miles	KY514707_03	River	Upper Cumberland	Upper Cumberland	5130101	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	5130101	Harlan	PCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Poor Fork of Cumberland River 16.3 to 31.8	15.5 miles	KY514707_03	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform
Poplar Creek 0.0 to 2.9	2.9 miles	KY501096_00	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform
Poplar Grove Branch 0.0 to 3.4	3.4 miles	KY501108_00	River	Green/Tradewater	Green River	5110001	Taylor	PCR	Fecal Coliform
Puckett Creek 0.0 to 9.9	9.9 miles	KY501413_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	River	Green/ Tradewater	Green River	05110003	Ohio	WAH, PCR, SCR	pH
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	PCR	Fecal Coliform
Richland Creek 0.7 to 5.4	4.7 miles	KY501820_00	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Livingston	PCR	Fecal Coliform
Richland Creek 11.6 to 21.5	9.9 miles	KY514915_03	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	PCR	Fecal Coliform
Richland Creek 6.3 to 11.6	5.3 miles	KY514915_03	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Knox	PCR	Fecal Coliform
Right Fork Cane Creek 2.2 to 5.2	3 miles	KY514935_01	River	Kentucky	Kentucky River	5100204	Powell	PCR	Escherichia coli
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130104	McCreary	PCR, SCR, WAH	pH
Russell Creek 23.8 to 40.0	16.2 miles	KY502521_04	River	Green/Tradewater	Green River	5110001	Adair	PCR, SCR	Fecal Coliform
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_05	River	Green/Tradewater	Green River	5110001	Adair	PCR, SCR	Fecal Coliform
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_07	River	Green/Tradewater	Green River	5110001	Adair	PCR, SCR	Fecal Coliform

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	McCreary	PCR, SCR, WAH	pH
Sand Lick Fork 0.0 to 5.0	5 miles	KY515225_00	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Sandy Creek 0.0 to 2.3	2.3 miles	KY502979_00	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Livingston	PCR	Fecal Coliform
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_00	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Lyon	PCR	Fecal Coliform
Sleepy Run 0.0 to 2.8	2.8 miles	KY503678_00	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_01	River	Green/Tradewater	Green River	5110001	Metcalfe	PCR, 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	5130205	Christian	PCR	Fecal Coliform
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Christian	PCR	Fecal Coliform
South Fork Red River 0.0 to 3.9	3.9 miles	KY515547_01	River	Kentucky	Kentucky River	5100204	Powell	WAH	Total Dissolved Solids
South Fork Red River 3.9 to 10.1	6.2 miles	KY515547_02	River	Kentucky	Kentucky River	5100204	Powell	WAH	Total Dissolved Solids
Straight Creek 0.0 to 1.7	1.7 miles	KY515746_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform
Straight Creek 1.7 to 23.5	21.6 miles	KY515746_02	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Bell	PCR	Fecal Coliform
Stump Cave Branch 0.0 to 2.4	2.4 miles	KY515765_01	River	Kentucky	Kentucky River	5100204	Powell	WAH	Total Dissolved Solids

Category 4A (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	5140205	Hopkins	PCR, SCR, WAH	pH
Sugar Creek 2.2 to 6.9	4.7 miles	KY504655_01	River	Tenn/Miss/Cumberland	Lower Cumberland	5130205	Livingston	PCR	Fecal Coliform
Sulphur Creek 0.0 to 10.7	10.7 miles	KY504734_01	River	Green/Tradewater	Green River	5110001	Adair	PCR	Fecal Coliform
Taylorsville Lake	3050 Acres	KYCLN141_00	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	5100101	Fleming	PCR	Fecal Coliform
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform, Escherichia coli
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	5100205	Fayette	WAH	Nutrient/ Eutrophication Biological Indicators
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	5100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
UT to Fleming Creek 0.0 to 2.1	2.1 miles	KY492236-4.4_00	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform
UT to Rolling Fork 0.0 to 0.6	0.6 miles	KY502293-94.6_00	River	Salt/Licking	Salt River	5140103	Marion	PCR, WAH	pH
UT to South Fork of Russell Creek 0.0 to 0.6	0.6 miles	KY503945-4.8_00	River	Green/Tradewater	Green River	5110001	Green	WAH	Total Dissolved Solids

Category 4A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Valley Creek 10.8 to 12.6	1.8 miles	KY505940_03	River	Green/Tradewater	Green River	5110001	Hardin	PCR	Fecal Coliform
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_01	River	Tenn/Miss/Cumberland	Upper Cumberland	5130104	McCreary	PCR, SCR, WAH	pH
Wildcat Branch 0.0 to 2.1	2.1 miles	KY516359_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130103	Pulaski	PCR, SCR, WAH	pH
Wilson Run 0.0 to 5.1	5.1 miles	KY506915_00	River	Salt/Licking	Licking River	5100101	Fleming	PCR	Fecal Coliform
Yocum Creek 0.0 to 6.5	6.5 miles	KY507228_00	River	Tenn/Miss/Cumberland	Upper Cumberland	5130101	Harlan	PCR	Fecal Coliform

Appendix D. Assessment Methodology

This section is reproduced from Section 3.2 of Volume I of the IR in order to make Volume II a stand-alone document.

3.2 Assessment Methodology

General Assessment Methods. Beginning with the 2005 electronic 305(b) report submittal, the commonwealth began assigning assessed uses, and any associated nonassessed uses, of stream segments and lakes to the appropriate category of the five reporting categories recommended by EPA (2005). Of those categories, two categories were divided to better define assessment results; categories 2B and 5B were added by KDOW to track assessed segments that did not conform to the predefined categories. Those categories used by the commonwealth are listed in Table 3.2-1. Many water body segments had monitored data for only one use assessment, typically aquatic life use (warmwater or coldwater aquatic habitat).

Table 3.2-1. Reporting categories assigned to surface waters during the assessment process.

Category	Definition
1	All designated uses for water body fully supporting.
2	Assessed designated use(s) is/are fully supporting, but not all designated uses assessed.
2B	Segment currently supporting use(s), but 303(d) listed & proposed to EPA for delisting.
3	Designated use(s) has/have not been assessed (insufficient or no data available).
4A	Segment with an EPA approved or established TMDL for all listed uses not attaining full support.
4B	Nonsupport segment with an approved alternative pollution control plan (e.g. BMP) stringent enough to meet full support level of all uses within a specified time.
4C	Segment is not meeting full support of assessed use(s), but this is not attributable to a pollutant or combination of pollutants.
5	TMDL is required.
5B	Segment does not support designated uses based on evaluated data, but based on Kentucky listing methodology insufficient data are available to make a listing determination. No TMDL needed.

When considering waters for assessment, KDOW solicited data from a variety of entities. This included other government agencies, such as state agencies (e.g. Department of Fish & Wildlife), local agencies (e.g. Lexington-Fayette Urban County Government) and federal agencies such as USACE, USF&WS and USGS. Also, data from universities and ORSANCO were considered.

Generally, data older than five years were not considered for assessment; however, assessment decisions were made on a case-by-case basis—not all data older than five years were excluded from consideration. Data older than five years were considered if they were the only data available for a water body.

A number of causes (pollutants) in EPA's 2006 IR guidance were considered pollution rather than pollutants. A water body found not supporting a use and shown to be impaired by pollution, without identified pollutants, does not require a TMDL, rather an alternative plan to bring the use back to full support (Category 4B). Causes considered pollution are found in Table 3.2-2. The rationale behind pollutant vs. pollution is that a pollutant is a measurable variable, and its presence above criteria results in designated use impairment. It is the causal variable, not the indicator or response variable of one or more pollutants (sedimentation/siltation, total phosphorus, ammonia, methylmercury, etc). An example of pollution is *alteration in stream-side or littoral vegetative cover*, a category that in and of itself may not directly attribute to impairment or water quality degradation. The loss of this vegetative integrity can result in excess nutrients and sedimentation/siltation (pollutants) that will subsequently affect biological communities, water quality, in-stream habitat and temperature. The previous example also serves to clarify why *habitat assessment (streams)* is also considered pollution. Pollutants such as sedimentation/siltation, nutrients, or water temperature are listed with those nonsupporting segments, directly identifying the pollutant(s) and associated pollution that should be addressed to restore full use support.

The cause *habitat assessment (streams)* was a commonly reported pollution for streams not supporting aquatic life use based on biological community results. It should be noted that streams with this identified pollution make their way on the 303(d) list since it is almost never without associated pollutants such as sedimentation/siltation because riparian vegetation abates excess sedimentation, removes excess nutrients and ameliorates water temperature. In the uncommon circumstance where *habitat assessment (streams)* was the only reported "cause," it was recognized that pollutants had not been observed or measured that were impacting the biological community(s). In these instances the cause *impairment unknown* was associated with those water bodies or segments, which as a pollutant-surrogate, resulting in assigning it to the 303(d) list. In

Table 3.2-2. List of those causes considered pollution by the KDOW (ADB numerical codes listed).

(67) Abnormal fish histology (lesions)
(84) Alteration in stream-side or littoral vegetative covers
(85) Alterations in wetland habitats
(105) Benthic-macroinvertebrate bioassessment (streams)
(150) Chlorophyll *a*
(161) Combination benthic/fishes bioassessments (streams)
(162) Combined biota/habitat bioassessments (streams)
(181) Debris/floatable/trash
(205) Dissolved oxygen saturation
(218) Eurasian water milfoil, *Myriophyllum spicatum*
(227) Excess algal growth
(228) Fish-passage barrier
(229) Fish kills
(230) Fishes bioassessment (streams)
(243) Habitat assessment (streams)
(266) Lake bioassessment
(270) Low flow alterations
(312) Non-native aquatic plants
(313) Non-native fish, shellfish, or zooplankton
(316) Odor threshold number
(319) Other flow regime alterations
(331) Particle distribution (embeddedness)
(336) Periphyton (Aufwuchs) indicator bioassessments (stream)
(344) Physical substrate habitat alterations
(368) Secchi disk transparency
(387) Suspended algae
(402) Total organic carbon
(412) Trophic State Index
(422) *Dreissena polymorpha*, zebra mussel
(445) Abnormal fish deformities, erosions, lesions, tumors
(446) Habitat assessment (lakes/reservoirs)
(450) High flow regime
(459) Taste and odor
(460) Aquatic plants (native)
(465) Fish advisory (no restriction)
(466) Sediment screening value exceedence
(471) Bottom deposits
(477) Bacterial slimes
(478) Aquatic plants (macrophytes)
(479) Aquatic algae

these instances more intensive investigation is needed to determine individual pollutants than the initial biosurvey provided. In this example the water body or segment will be

assigned to category 5 (303[d] list) with the pollution, *habitat assessment (streams)*, included in the list of impairments in the 305(b) assessment table (Appendix A). It is recognized that to restore aquatic life use, pollution (e.g. riparian vegetative zone) must be rectified as part of the process in addressing the pollutant(s), in this example sedimentation/siltation.

Another group of causes considered pollution that may be recognized in stream biosurveys are those indicating non-native aquatic plants, non-native fish, shellfish, or zooplankton, for example zebra mussel, *Dreisenna polymorpha*. While these conditions are undesirable and can have a negative impact on the native plant or animal communities in a water body, non-natives, almost without exception, have been introduced accidentally or intentionally via commerce or recreation (ship ballasts, boating, aquarists, sportspersons [non-native trout], etc.). To develop and implement a TMDL to eliminate these non-natives would often be more damaging to the environment (e.g. biocides or mechanical removal), or unpopular in the case of trout species, then leaving them in-place because they are often widespread and prevalent. For example, if the non-native carp, *Cyprinus carpio*, found in many perennial streams and reservoirs in the state, was considered a pollutant rather than pollution, a TMDL would be required to address this in thousands of stream miles and reservoir acres. These examples are instances where the occurrence of impairments considered pollution (non-natives) alone will not result in a category 5 listing, rather a category 2 listing if all biological community metrics indicate the aquatic life use is supporting.

Causes that may be indicators (response variables) of nonsupport aquatic life use but are not pollutants themselves: 1) *benthic macroinvertebrate bioassessment (streams)*; 2) *chlorophyll a*; 3) *combination benthic/fishes bioassessment*; 4) *combined biota/habitat bioassessments (streams)*; 5) *dissolved oxygen saturation*; 6) *excess algal growth*; 7) *fishes bioassessment (streams)*; 8) *lake bioassessment*; 9) *periphyton (aufwuchs) indicator bioassessments (stream)*; 10) *Secchi disk transparency*; 11) *suspended algae*; 12) *trophic state index*; 13) *fish advisory – no restriction*; and 14) *particle distribution (embeddedness)*, are considered pollution. The KDOW uses macroinvertebrates and fishes routinely to make aquatic life use support determinations in streams. These biological indicators provided the data necessary to produce KDOW's multimetric

indices through correlation with stressors resulting in the assignment of tolerance levels based on taxon, percent dominance of tolerant taxa, percent intolerant taxa, such as Ephemeroptera (mayflies), feeding strategy (e.g. filterers or scrapers), as well as watershed drainage area which naturally influences the population composition within each community. While these biological communities are robust environmental indicators of water quality and integrity of habitat, they are not pollutants, but a manifestation of those tolerant organisms exploiting conditions that will not support clean-water, intolerant populations. Through physicochemical variables collected at time of biosurveys and habitat assessment (in-stream habitat and land use observations), the most detrimental pollutants are usually recognized as contributors to the degraded biological community. Most stream miles in Kentucky not supporting aquatic life use were impaired primarily by the pollutants *sedimentation/siltation (habitat smothering)*, *nutrient enrichment*, and *cause unknown*, in addition to pollution in the form of habitat assessment (alterations) (often riparian zone related). All these pollutants affect in-stream habitat or physicochemical variables that manifest in the biological community structure. In cases where no pollutants were recognized, *impairment unknown* is listed, which places the water body or segment in category 5, requiring a TMDL.

The total number of assessed stream miles was determined by adding the miles represented by the site-specific random survey (not extrapolated data) and the miles assessed by targeted monitoring. In other words, miles assessed by targeted monitoring in wadeable streams were included in miles assessed by the random biosurvey ($1^{st} – 5^{th}$ Strahler order). However, results were also presented separately for targeted and random (extrapolated) total miles.

3.2.1 Aquatic Life Use

The water quality and biological data provided by the programs described in the preceding sections were used to assess use support in rivers and streams. Table 3.2.1-1 shows the core designated uses of Kentucky waters and the indicators employed to make those use support determinations. Given the comprehensive suite of parameters sampled

Table 3.2.1-1. Designated uses in Kentucky waters and the indicators used to assess level of support.

Use	Aquatic Life	Recreation	Fish Consumption	[a]Drinking Water
Core Indicators	Stream: 1-3 biological communities: macroinvertebrates, diatoms and fishes Dissolved oxygen Temperature pH Specific conductance Lake/Reservoir: Dissolved oxygen Temperature pH Specific conductance Fish kills	Stream: Pathogen indicators: fecal coliform; *E. coli* pH Lakes/Reservoir: Pathogen indicators: fecal coliform or *E. coli* pH	Mercury PCBs	Inorganic chemicals Organic chemicals Pathogen indicators: fecal coliform, *E. coli*
Suplemental Indicators	Chlorophyll-*a* Trophic State Index (TSI) Secchi depth Indicator health (vigor) Chemical Sediments	Nuisance macrophytes Nuisance macroscopic algal growth Nuisance algal blooms Suspended sediment	Other chemicals of concern found in water quality standards	Odor Taste Treatment problems caused by poor water quality

[a]All core indicators are based on "at the tap" MORs received from PWS

by KDOW for many stream assessments, both biological and physicochemical, a determination can typically be made as to the cause(s) and source(s) of pollutant or pollution affecting the resource. Further investigation during TMDL development may lead to specific definition of causes and sources. Data were categorized as *monitored* or *evaluated* for assessment. Monitored data were derived from site-specific surveys and generally no more than five years old. Typically, data older than five years were considered evaluated, but this did not change the assessment category a water body and/or segment had been assigned unless there were more recent monitored data. In some instances where conditions were believed to have remained mostly unchanged, monitored data collected prior to 1995 were still considered valid, and waters described by these data were categorized as monitored. Additionally, data from the random survey network were used. Like the targeted stations, each random survey station was used to assess a limited reach of stream around the sample point. Few evaluated waters remain in the assessment database. Although all efforts in the watershed initiative were to gather

defensible, monitored data, there were some monitoring data more than five years old, strong anecdotal information, and extrapolation of discharge data that resulted in evaluated assessments.

Water Quality Data. Chemical data collected by KDOW and others were assessed according to EPA guidance (U.S. EPA 1997). Water quality data were compared to criteria contained in Kentucky Water Quality Regulations (401 KAR 10:031). The segment fully supported WAH use when criteria for dissolved oxygen, un-ionized ammonia, temperature and pH were not met in 10 percent or less of the samples collected. Impaired, partial support was indicated if any one criterion for these parameters was not met in 11-25 percent of the samples. A segment was impaired, not supporting if any one of these criteria was not met in more than 25 percent of the samples.

Data for total metals were analyzed for exceedences of acute criteria listed in state water quality standards regulations (401 KAR 10:031) using at least three years of data. The segment fully supported WAH use if all criteria were met at stations with quarterly or less frequent sampling, or if only one exceedence occurred at stations with monthly sampling. Impaired, partial support was indicated if any one criterion was not met more than once but in less than 10 percent of the samples. The segment was impaired, not supporting, if criteria were exceeded in greater than 10 percent of the samples. The assessment criteria were closely linked to the way state and federal water quality criteria were developed. Aquatic life was considered protected if, on average, the acute criteria were not exceeded more than once every three years. Data were also compared to chronic criteria. Observations that equaled chronic criteria were not considered to exceed water quality standards. Toxic criteria were assessed based on 12 monthly samples at the rotating watershed ambient water quality network stations and generally 36 samples from the primary ambient water quality network. The segment fully supported WAH use if all criteria met or exceeded only once. Impaired, partial support was assessed if any criterion was not met more than once, but in less than 10 percent of samples. The segment was impaired, not supporting if criteria were exceeded in greater than 10 percent of samples.

Biological Data (streams). Decisions about use attainment for aquatic life were primarily made using biological data obtained from monitoring programs within the

KDOW and other agencies. There are a number of reasons biological data are important in making level of support decisions for aquatic life use. Biological communities (indicators) integrate their environment and thus serve as good indicators of the conditions (physical, chemical, and habitat) they live in. The core indicators for bioassessment are outlined in Table 3.2.1-2. Level of use support was dependent on the indicator community(s) health and integrity, with supplemental physicochemical and habitat data. These results were applied for assessment purposes as outlined in Table 3.2.1-2.

Table 3.2.1-2. Biological criteria for assessment of warm- or coldwater aquatic habitat (streams) use support[a].

Indicator	Fully Supporting	Partial Support	Nonsupport
Algae	Diatom Bioassessment Index (DBI) Classification of excellent or good; biomass similar to reference/control.	DBI classification of fair; increased biomass (if nutrient enriched) of filamentous green algae.	DBI classification of poor; biomass very low (toxicity), or high (organic enrichment).
Macroinvertebrates	Macroinvertebrate Bioassessment Index (MBI) excellent or good, high EPT, sensitive species present.	MBI classification of fair, EPT lower than expected in relation to available habitat, reduction in relative abundance of sensitive taxa. Some alterations of functional groups evident.	MBI classification of poor; EPT low, total number of individuals of tolerant taxa very high. Most functional groups missing from community.
Fishes	Index of Biotic Integrity (IBI) excellent or good; presence of uncommon, endangered or species of special concern.	IBI fair.	IBI poor, very poor, or no fish.

[a]Acronyms used in this table: EPT= Ephemeroptera, Plecoptera, Trichoptera; RA= relative aburdance; TNI- total number of individuals

Macroinvertebrates have been used extensively in water quality monitoring and impact assessment since the early 1900s. Today, macroinvertebrates are used throughout the world in water quality assessment as environmental indicators of biological integrity, to

describe water quality conditions or health of the aquatic ecosystem, and to identify causes (pollutants) of impairment. This indicator community is relatively sedentary, spending a significant portion of their life cycle in the aquatic environment. Various populations of a community are dependent on multiple habitats in the water column, occupy more than one consumer level throughout the food web (herbivores, omnivores, and carnivores) and, significantly, many sensitive taxa (benthos) live in or on the sediments of streams. These characteristics and habits make this a key indicator group of their environment. KDOW defines benthic macroinvertebrates as organisms large enough to be seen by the unaided eye, can be retained by a U.S. Standard Number 30 sieve (28 mesh/inch, 600 µm openings), and live at least part of their life cycle within or upon available substrates of a water body. In addition to determining use support level, biomonitoring will identify those Exceptional Waters (401 KAR 10:030) (those waters that are among the most biologically diverse and represent biological integrity to a high degree in a given bioregion) occurring across the commonwealth.

The evaluation of fish community structure is an important component of biological monitoring providing reliable assessments for the CWA, Section 305(b). The Kentucky Index of Biotic Integrity (KIBI) was developed based on reference conditions and tolerances, and community feeding structure of species present. Advantages of using fish as biological indicators include their widespread distribution, utilization of a variety of trophic levels, stable populations during summer months, and the availability of extensive life history information (Karr et al. 1986).

Algal (primarily diatoms) communities are important water quality indicators, particularly as it relates to trophic status (nutrient or organic enrichment) and toxicity conditions. This indicator group is critical to the food web of streams, beginning the process of primary production through photosynthesis. The Diatom Bioassessment Index (DBI) is used to assess this indicator community.

Federally Threatened and Endangered Species. Waters with federally threatened or endangered species in November 1975 have an existing designated use of Outstanding State Resource Water (OSRW), and the loss or significant decline of one of these populations constitutes an impairment of use. Waters where previously unknown

populations of federally listed species inhabit are automatically included in the OSRW designated use per 401 KAR 10:031.

Lakes and Reservoirs. Lakes and reservoirs were assessed for aquatic life use by measuring several physicochemical indicators and reported fish kills. The lack of a direct biological indicator is primarily due to most of this resource being manmade, thus supporting altered and unnatural biological communities that are composed almost exclusively of tolerant species (e.g. Tubificidae, *Chironomus* spp., *Chaoborus* spp., *Glyptotendipes* spp., etc.) that are capable of exploiting this naturally low DO-stressed environment. Thus, the core and supplemental indicators shown in Table 3.2.1-1 are of utmost importance to assure water quality conditions are suitable for supporting sportfish and associated prey fishes. Populations of these fishes are the primary concern for aquatic life use being met in these created environments. Table 3.2.1-3 outlines those criteria used in making use assessment decisions.

Trophic state was assessed in lakes and reservoirs using the Carlson Trophic State Index (TSI) for chlorophyll *a*. This method is convenient because it allows lakes and reservoirs to be ranked numerically according to increasing eutrophy, and it also provides for a distinction between oligotrophic, mesotrophic, eutrophic, and hyper-eutrophic lakes and reservoirs. The growing season (March through October) average TSI value was used to rank each lake. Areas of lakes that exhibited trophic gradients or embayment differences often were analyzed separately.

3.2.2 Primary Contact Recreation Use Support

Fecal coliform or *Escherichia coli* and pH data were used to indicate the degree of support for primary contact recreation (PCR) (swimming) use. PCR assessment was based on six monthly grab samples collected during the recreation season of May through October. The use fully supported if *E. coli* criterion of 240 colonies per 100 mL (400 colonies per 100 mL for fecal coliform) was not met in less than 20 percent of samples; it was impaired, partial support, if either criteria were not met in 25-33 percent of samples; and impaired, nonsupport, if either criteria were not met in greater than 33 percent of samples. Secondary contact recreation (SCR) was also assessed following the same method using fecal coliform data at the concentration of greater than 2000 colonies per

Table 3.2.1-3. Criteria for lake and reservoir use support classification.

Category	Fish Consumption	Warmwater Aquatic Habitat	Secondary Contact Recreation	Domestic Supply
Not Supporting:	(Pollutant specific)	(At least two of the following criteria)	(At least one of the following criteria)	(At least one of the following criteria)
	Methylmercury >1.0 ppm (fish tissue)	Fish kills caused by poor water quality	Widespread excess macrophyte/macro-scopic algal growth	Chronic taste and odor complaints caused by algae
	PCBs >1.9 ppm (fish tissue)	Severe hypolimnetic (deepest layer in a thermally stratified lake or reservoir) oxygen depletion	Chronic nuisance algal blooms	Chronic treatment problems caused by poor water quality
		Dissolved oxygen average less than 4 mg/L in the epilimnion (upper most layer of water in a thermally stratified lake or reservoir)		Exceeds drinking water MCL
		Other specific cause (e.g. low pH)		
Partially Supporting: (At least one of the following criteria)	Methylmercury >0.3 – 1.0 ppm (fish tissue)	Dissolved oxygen average less than 5 mg/L in the epilimnion	Localized or seasonally excessive macrophyte/macroscopic algal growth	Occasional taste and odor complaints caused by algae
	PCBs >0.2 ppm – 1.9 ppm (fish tissue)	Severe hypolimnetic oxygen depletion	Occasional nuisance algal blooms	Occasional treatment problems caused by poor water quality
		Other specific cause (e.g. low pH)	High suspended sediment concentrations during the recreation season	
Fully Supporting:	Methylmercury <0.3 ppm and PCBs <0.2 ppm	None of the above	None of the above	None of the above

100 mL. Streams with pH less than 6.0 SU or greater than 9.0 SU were considered full support if these criteria were exceeded once, but in less than 10 percent of samples collected in the recreation season; impaired, partial support, if the standard was exceeded more than once, but in less than 10 percent of the samples during the recreation season; and impaired, nonsupport, if the criterion was exceeded in more than 10 percent of samples during the recreation season.

3.2.3 Other Data Sources

Discharge Monitoring Reports (DMRs). Discharge monitoring report (DMR) data, collected by Kentucky Pollutant Discharge Elimination System (KPDES) permit holders, were assessed through KDOW's permit compliance database. Depending on the relative sizes of the wastewater discharge, the receiving stream and the severity of the permit exceedences, it sometimes was possible to assess in-stream uses as nonsupporting either aquatic life or PCR. Because in-stream data were usually not collected, stream assessments based only on DMR data were considered evaluated, not monitored, and these segments were assigned to category 5B.

US Army Corps of Engineers (USACE) Reservoir Projects. Dam projects on major streams in Kentucky were monitored with the cooperation of the USACE. This collaborative effort resulted through the need for each agency to share stretched resources to monitor those reservoirs in each BMU of focus. Reservoir water quality variables were monitored over the growing season (March through October) as were major in-flow and out-flow tributaries of these reservoirs. Aquatic life use support level was determined using these monitored data for reservoir and monitored tributaries. The Louisville USACE District manages those dam projects in the Kentucky River BMU; the KDOW exclusively monitored those USACE reservoirs managed by the Huntington, West Virginia District in the Big Sandy-Little Sandy-Tygarts BMU.

3.2.3 Fish Consumption Use Support

Fish consumption, in conjunction with aquatic life use, assesses attainment of the fishable goal of the Clean Water Act. Assessment of the fishable goal was separated forming these two categories in 1992 because the fish consumption advisory does not preclude attainment of the aquatic life use and vis-à-vis. Separating fish consumption

and aquatic life use support gives a clearer picture of actual water quality conditions. Table 3.2.1-1 relate those criteria used to make fish consumption use support decisions, and Table 3.2.1-3 show the concentrations of methylmercury and PCBs that result in a specific level of support; these concentrations apply to lakes, reservoirs and streams.

Kentucky revised its methodology for issuing fish consumption advisories in 1998 to a risk-based approach patterned after the Great Lakes Initiative. The risk-based approach generally is more conservative than the Food and Drug Administration (FDA) action levels that were used previously. For example, the FDA action level for mercury was 1.0 mg/Kg, but the risk-based number for issuing an advisory is as low as 0.12 mg/Kg. As a result of this change in methodology, a statewide advisory was issued in April 2000 for children under six and women of childbearing age to not consume more than one meal per week of any fish from Kentucky waters because of mercury. However, EPA issued a mercury water quality criterion expressed as a methylmercury concentration in fish tissue of 0.3 mg/Kg, and the commonwealth has subsequently adopted it. Therefore, for purposes of 305(b) reporting, waters were not considered impaired unless fish exhibited methylmercury tissue concentrations greater than 0.3 mg/Kg. In other words, the fish tissue concentration triggering the statewide advisory (0.12 mg/Kg) was considered more stringent than water quality standards.

Other than the statewide advisory for mercury explained above, the following criteria were used to assess support for the fish consumption use:

- Fully supporting- no fish consumption restrictions or bans in effect; highest species concentration ≤ 0.3 mg/Kg
- Impaired: Partial support- "restricted consumption," fish consumption advisory in effect for general population or a subpopulation that potentially could be at greater risk (e.g. pregnant women, children); highest species concentration > 0.3 mg/Kg – 1.0 mg/Kg. Restricted consumption was defined as limits on the number of meals consumed per unit time for one or more fish species
- Impaired: Not supporting- a no consumption fish advisory or ban in effect for general population or a subpopulation that potentially could

be at greater risk, for one or more fish species, or a commercial fishing ban in effect; highest species concentration > 1.0 mg/Kg.

3.2.4 Drinking Water Supply

Drinking water use support was determined in several ways (Table 3.2.1-1). First, compliance with maximum contaminant levels (MCLs) in finished water was determined by the annual average of quarterly samples. These MCL data were gleaned from monthly operating reports (MORs) submitted to KDOW, Compliance and Technical Assistance Branch, from treatment facilities. Drinking water use assessments in reservoirs were supplemented by surveys of drinking water operators on any taste and odor problems and use of biocides (Table 3.2.1-1). In-stream water quality data generally were not available to assess drinking water use.

3.2.5 Causes and Sources

Causes (pollutants and pollution) and sources were categorized according to EPA guidance. Causes for primary contact recreation, fish consumption, and water supply usually were easily identified. The majority of segments or water bodies not supporting aquatic life use were determined by biological monitoring supplemented by monitoring of select physicochemical parameters. Causes and sources of impairment may not be evident in the field and there may be other pollutants contributing to use impairment that were not listed. Once on the 303(d) list, subsequent intensive monitoring and watershed reconnaissance of land uses will more fully identify causes and sources of impairments.

3.2.6 Determination of Assessment Segments

Once an assessment was made on a water body, an appropriate segment or portion of the water body representative of the monitored area was determined. Part of this determination was based on the type of data collected (e.g. physicochemical, biological, bacteriological, fish tissue or variables for lake/reservoir assessment).

Aquatic Life, Recreation and Fish Consumption Uses. This monitoring activity occurred throughout the state at the Primary Ambient Water Quality Stations (Primary Network) and in the Rotating Watershed Stations particular to the BMU cycle

phase. Since the Primary Network stations are located on large streams and rivers, assessed segments are taken downstream and upstream to significant tributary streams; significance of tributaries is based on the watershed area and relative volume. Another important factor considered in defining segments is significant changes in land use, such as from a contiguous forested area to a non-forested area with fragmented riparian vegetative zone. Habitat conditions along the corridor are assessed for the same reasons as physicochemical parameters for biological communities. Since many of KDOW's PCR-SCR (recreation) monitoring locations are associated with the ambient water quality network, the same rationale is used to define these segments and typically is the same as the defined segment for the accompanying aquatic life use assessment.

Waters assessed for aquatic life use with biological community data often will be of shorter segment reach since biological indicators are typically more responsive to subtle changes in water quality as they integrate these conditions over a relatively long time. Typically the smaller the watershed, a proportionately greater segment will be defined since the conditions and influences from surrounding land use were often similar and localized. In larger watersheds, typically greater than five square miles, proportionately smaller assessment segments are defined because of the increased potential of pollutant sources and potential changes in habitat. These segments often are defined by upstream and downstream tributaries judged to be of significant drainage area to the receiving stream.

Fish consumption segments are defined in a similar method as those reaches assessed using only physicochemical or bacteria data. Many fish species are relatively far ranging, and that factor has significant consideration in defining segments. Also, with the plethora of sources, and the likelihood that much of the mercury contamination in waters comes via atmospheric deposition, relatively long reaches are often defined when making these assessments. However, significant tributaries are often used to make the upstream and downstream termini, with less consideration given to habitat for the reasons given above. In boatable streams that have locks and dams the intervening pool between each lock and dam is typically considered an assessment unit.

Drinking Water Use. Since this use was assessed utilizing finished water data supplied by Public Water Systems (PWS) the assessed segments were usually

conservative when applied to the source water. The assessment segments were typically taken from the point of withdrawal and extended upstream one mile. A few exceptions to that rule occurred when multiple uses were assessed (e.g. fish tissue, aquatic life) in the same general area of PWS withdrawal points. Those segments were usually longer (see section above on these use assessment segments) in order to accommodate other uses that overlapped the PWS withdrawal point. For reservoirs, the assessment was applied to the water body.

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